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THE illinghast Seed Co.
LA CONNER, WASHINGTON



### To Our Customers:

This year we are sending out our 60th Annual Catalog; so that this will conclude 60 years of serving our customers with seeds and other garden needs. We wish to thank all of our many good customers and friends for their years of loyal patronage, and we hope that we will be able to continue to serve them for many years more. We will also continue to supply them with the very best quality products obtainable and the kinds that we know will be the best for the Northwest. Our motto has always been and will be The Best Seeds of The Best Kinds.

We again wish to call to your attention that our seeds are not ever sold in Commission Boxes. We sell only direct to our customers; either by Mail Order, or at our store in La Conner. Always be sure to look for the name TILLINGHAST on every package.

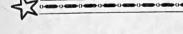


#### -25

### VEGETABLE COLLECTION—VICTORY GARDEN SPECIAL \$2.50 Value — 25 Pkts. for \$2.00

1/4	Lb. Beans, Stringless Green Pod	.10	1	Pkt. Lettuce, New York	.10
1/4	Lb. Beans, Kentucky Wonder	.10	1	Pkt. Onions, Yellow Globe Danvers	.10
1/4	Lb. Beans, Pencil Pod	.10	1	Pkt. Parsnip, Long White	.10
1	Pkt. Beets, Detroit Dark Red	.10	1/4	Lb. Peas, Laxton's Progress	.10
1	Pkt. Cabbage, Early Wakefield	.10	1/4	Lb. Peas, Tall Telephone	.10
1	Pkt. Cabbage, Danish Ballhead	.10		Pkt. Pumpkin, Sweet or Sugar	
1	Pkt. Carrot, Red Cored Chantenay	.10			
- 1	Pkt. Carrot, Nantes	.10		Pkt. Radish, Early Scarlet Globe	
	Lb. Corn, Golden Early Market		1	Pkt. Radish, White Icicle	.10
	Lb. Corn, Golden Bantam		1	Pkt. Turnip, Purple Top White Globe	.10
	Pkt. Cucumber, Straight-8		1	Pkt. Squash, Hubbard	.10
	Pkt. Cucumber, Boston Pickling		1	Pkt. Squash, Table Queen	.10
	Pkt. Dill		1	Pkt. Spinach, King of Denmark	.10

#### PLANT A VICTORY GARDEN — KEEP 'EM GROWING



# We Pay the Postage

Amt. of Sale Tax

0 — 4c ... No Tax

5c—14c ... 1 Token

15c—29c ... 2 Tokens

30c—49c ... 1 Cent

50c—84c ... 2 Cents

85c—1.14 ... 3 Cents

SALES UNDER \$1.00

All seeds, bulbs, trees, small fruits, roots, plants, fertilizers and other articles in this catalog are sent postpaid anywhere in Washington, Oregon, Idaho and California at the prices listed unless otherwise noted. Customers in Alaska and the states not listed above must allow extra postage.

Add 3c for each full \$1.00 of your order to the odd cents tax as per schedule above.

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# State Sales Tax applies to the following: All seed, vegetable or flowers for home use. All plants, shrubs, fruit trees, rose bushes, bulbs, etc., for home use. All fertilizers, insecticides, or any other merchandise for home use. All lawn grass is taxable.

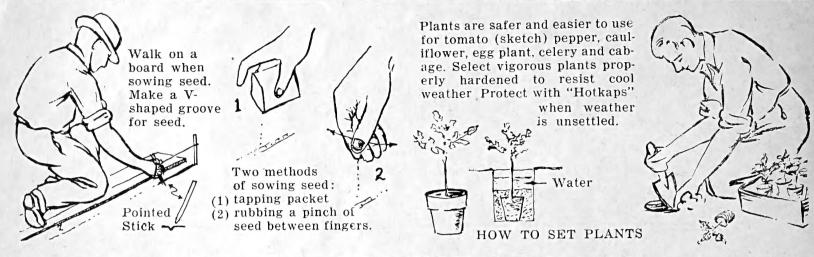
The following items are exempt from State Sales Tax: Flower seed or bulbs for raising flowers to sell. Vegetable seed used to produce vegetables to sell. Plant purchased to produce vegetables, fruit, or flowers for sale. Field seed used to produce pasture, hay, grain, or other crops to sell or feed to animals to produce eggs, butter, milk, or meat for sale. Fertilizers entering into the growing of any of the crops listed above or for any crop of hay, grain, fruit, or seed which is produced for sale to others.

#### **HOW TO GET OUR SEEDS**

HOW TO SEND MONEY: If the amount is 50 cents or more, send by POSTOFFICE MONEY ORDER, drawn on La Conner, Wash., P. O. (in applying for which you can fill out at home, for the postmaster, the government blank application which we send you with the order sheet). If you prefer you may send Express Money Order, Bank Check or by Registered Letter. If the amount is less than FIFTY CENTS, you may send Coin, securely sealed and plainly addressed. Be sure that all orders and checks are drawn to the order of the Tillinghast Seed Co., La Conner, Wash., and that all coin should be wrapped with a small piece of cloth or strong paper, or otherwise secured from shaking loose in the letter.

POSTAGE in 6th, 7th and 8th ZONES: Owing to the fact that the postage on seed in the 6th, 7th and 8th zones is so much greater than the nearby territory, all customers in Alaska, Canada, and all the states lying south and east of the following states: Washington, Oregon, Idaho, California and Montana, must add 8 cents extra to your order for each pound that your order will weigh. Otherwise we will be forced to send your money's worth or to hold your order until the necessary postage is received.

PARCEL POST ORDERS: We wish to call the attention of our customers to present parcel post rules which permit us to send up to 70 pounds in a single parcel anywhere in the United States or Alaska. Thus, grass, clover, vetch or other seed ordered in quantities can be delivered to you by parcel post at about 1c per pound postage anywhre in the 1st or 2nd zones. This will be found to be of special value wherever freight service is slow or uncertain in delivery.



#### **HOW TO PLANT A VEGETABLE GARDEN**

#### LOCATION—PREPARING THE SOIL

Exposure for the vegetable garden should be sunny. No common vegetable will grow under trees, or in the shade of buildings—only a few herbs will thrive under such conditions.

The garden should be as open and as sunny as possible. Sometimes buildings on adjacent lots may shade the garden a little, but if the sun reaches the soil at least half of the day, you will be able to grow most any vegetable you desire.

Plan the vegetable rows to run from north to south. This direction gives the most benefit from the sun. Another way is to plant the taller kinds behind so that they never shade the small ones.

Good Soil is as essential as sunlight to growing plants. Most soils will grow vegetables, or can be made suitable by thorough, deep spading and liberal applications of manure, peat or other humus material at that time. Dig as deep as the spading fork or spade will go, forcing it straight down before lifting and turning the soil over, breaking up all clods. Grass may be turned under to rot and make humus, but the roots of perennial weeds, like dandelions and thistles, should be removed. Throw out all large stones, building refuse and other material detrimental to growing plants.

#### WHAT AND HOW TO PLANT

In selecting vegetables to plant include the ones your family should eat as well as the kinds they like. A well balanced diet is most important and should include green vegetables, yellow vegetables, leafy vegetables, root vegetables, and tomatoes.

Flowers to compliment the vegetables. Morale does not stop with the stomach. Flowers for the house, fresh from the garden, are essential. Plant them, as shown, on the plan to make the view from the house attractive and colorful.

#### SOW SEEDS AT RIGHT TIME

Sow seeds at the proper season and avoid waste. We have the highest quality seeds available.

Work down the top soil with a rake until it is level, fine and in perfect physical condition, before attempting to plant seed.

Seed should be sown thinly in shallow rills, made with a stick as shown in the sketch. To make the rows straight, follow a line of string stretched between stakes placed at either end of the row. The depth of this rill depends on the variety sown. Check with the depth of planting chart on page 3 before sowing seed.

Seed may be sown directly from the packet, or by rubbing a pinch of seed between the thumb and the first two fingers. This latter method gives a thinner distribution of the seed. Small seeds should not be thicker than 10 to the inch. Sow one row at a time and after each row, cover the seed lightly, touching the loose soil with a rake. Place the board used for walking between the row on top of the sown seed and walk across it to firm the soil for better germination.

Treatment of the seed with "Cuprocide" will eliminate a great deal of damping off, and rotting of the seed after sowing, especially if sown during the wet weather.

If the soil is moist, but not wet, at the time of sowing, watering will not be necessary before the seedlings are up. If it dries out, however, sprinkle carefully so as not to wash out the small seedlings.

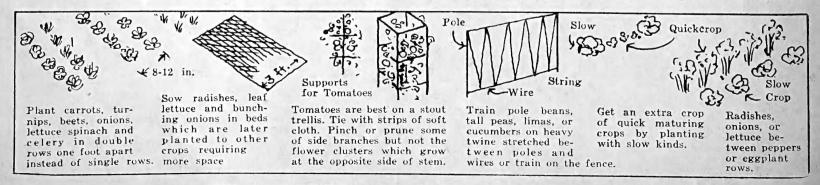
#### USE PLENTY OF GOOD FERTILIZER

Fertilizers are very important. The food value of garden vegetables for human consumption depends greatly on their mineral content, derived from the soil. The vitamin content depends on the vigor of growth and the abundance of sunlight. Therefore, the fertilizing of the soil is important to insure vigorous growth and healthy mineral and vitamin-rich vegetables. A good practice is to spade commercial fertilizer, balanced to supply the necessary proportions of nitrogen, phosphorous and potash. Later in the season, applications of fertilizers in small doses, as side dressings, keep vegetables in active growth. Ask us for special fertilizer formulas for vegetable gardens.

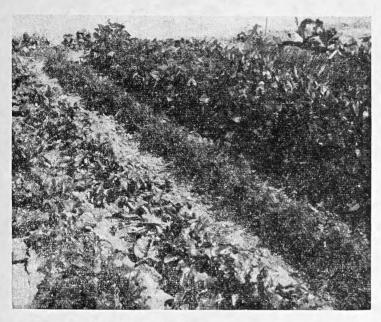
#### WATERING IS IMPORTANT

Watering will be necessary during the growing season. It should be done early enough in the day to evaporate drops of water from the leaves before nightfall. Water generously, soaking the soil deeply each time, rather than by quick "sprinkles" with the hose. In this way, the roots will grow deep, feed better and be protected from drouth, in case watering is missed during a hot dry spell. Once every week or ten days should be ample for moist soils. No rules can be formulated to determine the necessity of watering. Observation of the soil, and testing with a shovel, will best determine when to water.

#### TRY SOME "SPACE SAVERS" IN YOUR GARDEN



# Helpful Hints on Growing Vegetables



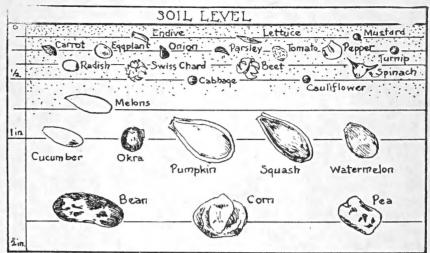
#### SPRAY AND DUST FOR PESTS

Insects and diseases may infest the vegetable garden but may never become a serious problem if one watches for evidence of damage and takes prompt action. Sprays and dusts are available in convenient packages to combat every garden pest. When spraying cover all parts of the plant and both sides of the leaves. Do a thorough job promptly and avoid a serious infestation.

Success in gardening starts by following certain rules. Whether these be noted from the pages of books or gathered from practical experience makes little difference. The process is the same. Good seed, soil, water, fertilizer, and work makes for success.

If we understand that almost every seed we sow has stored within its shell the ability to sprout and grow into a useful plant we can easily think of the seeds as plants ready to set out which will make the picture of the finished garden clearer in our mind's eye thus avoiding many of the early mistakes of planting.

Seeds are started by sowing in the soil of the garden. There germination takes place readily when conditions required for growth are met. Fortunately good garden soil, well prepared meets these requirements: soil moisture, usually present after winter rains or supplied by irrigation; soil temperature, heat from the sun and the main reason why certain tender seeds should be delayed in sowing, (until the ground is warm), and air and moisture drainage supplied by the hard work of soil



preparation which we have been recommending. As far as fertilizer is concerned young seedlings don't need extra feeding until they have used up the stored food of the cotyledons. It is better to delay feeding until growth is well started and then apply gradually. This is in addition to the humus (manure, peat, compost, etc.) and phosphate and other fertilizers put into the soil at the time of preparation. They are deeper down and can be reached by the plants as they grow.

By thinking of the seeds as plants we will sow them far enough apart to reduce drastic thinning. We wouldn't set plants out very close because before long we would not have much of a garden, competition between the plants would reduce the flowers, fruits and shape of the individual plants to an undesired minimum. In both vegetable and flower gardens we strive for perfection in either flowers, fruits or foliage—poor quality is seldom tolerated.

Actually every seed we sow will not germinate. Not from poor quality, but more often because other factors more difficult to control affect the seed. Among these are water, in excess, which may either wash the seeds out altogether or cover them more than they should be to sprout. (See planting chart). Crows and rodents may eat some. Soil fungi and very wet soils before germination may cause many to rot. So we usually sow seeds thicker than needed and thin the rows later on to a spacing that allows the desired growth.

The planting chart below contains suggestions to enable proper planning of the garden. However, most varieties used in the small home garden are best sown in smaller rows for which a packet each will usually suffice. Replanting to prolong the season of short maturing crops is a splendid idea and makes maximum use of the prepared soil.

### QUANTITY OF SEED AND SPACING FOR HOME AND MARKET GARDENS

	Seed	Seed	Distance	Distance Depth	
	Required	Required	between	apart of	
VEGETABLE	for 50 ft.	to sow	rows	in row planting	
	of row	an acre	inches	inches inches	
Artichoke, Globe	1/4 oz.	6 to 8 oz.	40 to 48	18 to 24 1	
Asparagus	½ oz.	4 lbs.	14 to 24	3 to 6 1	
Beans, Bush	½ lb.	50 to 60 lbs.	24 to 30	2 to 3 1½ to 2	
Beans, Lima	½ lb.	30 to 50 lbs.	24 to 36	3 to 6 1½ to 2	
Beans, Pole		30 to 35 lbs.	36 to 48	6 to 8 1½ to 2	
Beet	1/2 oz.	8 to 14 lbs.	14 to 24	3 to 4 ½ to 1	
Beet, Mangel & Sugar	½ oz.	6 to 10 lbs.	18 to 24	6 to 9 $\frac{1}{2}$ to 1	
Swiss Chard	½ oz.	6 to 10 lbs.	18 to 24	10 to 12 1	
Broccoli	1/4 oz.	4 oz.	20 to 36	16 to 22 ½ to 1	
Brussels Sprouts	1/4 oz.	4 oz.	20 to 36	16 to 22 ½ to ¾	
Cabbage	1/4 OZ.	4 oz.	18 to 36	14 to 24 ½	
Cardoon	½ oz.	5 oz.	20 to 32	20 to 30 ½ to 1	
Carrot	1/4 oz.	3 to 4 lbs.	16 to 24	1 to 3 ½	
Cauliflower	1/4 oz.	4 oz.	24 to 30	20 to 24 ½	
Celery	1/8 oz.	4 oz.	24 to 30	4 to 6 1/4	
Chicory	1/2 OZ.	4 to 5 lbs.	20 to 36	2 to 3 ½ to 1	
Collard	1/4 oz.	5 oz.	24 to 30	14 to 18 ½	
Corn, Pop	3 oz.	6 to 8 lbs.	34 to 40	6 to 8 1	
Corn, Sweet	4 oz.	10 to 12 lbs.	30 to 42	9 to 12 1	
Corn Salad	2 oz.	10 to 12 lbs.	14 to 18	3 to 4 3/4	
Cress	1 oz.	10 lbs.	12 to 18	2 to 4 ½	
Cucumber	½ oz.	3 to 4 lbs.	48 to 60	12 to 36 ½ to ¾	
Dandelion	1/4 oz.	5 to 6 lbs.	18 to 22	6 to 10 ½	
Dill	½ oz.	5 lbs.	20 to 36	4 to 6 ½	
Egg Plant	1/8 oz.	5 to 6 oz.	24 to 36	18 to 24 ½	
Endive	½ oz.	4 to 5 lbs.	18 to 24	8 to 12 1/2	
Fennel	½ oz.	3 to 4 lbs.	24 to 32	4 to 6	
Kale	1/2 oz.	4 to 5 lbs.	24 to 32	14 to 22 1/2	

	Seed Required	Seed Required	Distance between	Distance I	epth of
VEGETABLE	for 50 ft. of row	to sow an acre	rows inches	in row pla inches in	anting aches
Kohl Rabi	1/4 oz.	4 to 5 lbs.	14 to 24	4 to 6	1/2
Leek	1/4 oz.	4 lbs.	14 to 36	2 to 3	3/4
Lettuce	1/4 oz.	3 lbs.	12 to 18	4 to 12	1/4
Melon, Musk	1/2 oz.	3 to 4 lbs.	70 to 80	36 to 60	3/4
Melon, Water	1/2 oz.	3 to 4 lbs.	72 to 96	72 to 96	3/4
Mustard	1/4 oz.	4 lbs.	14 to 24	6 to 9	1/2
Okra	1 oz.	8 to 10 lbs.	24 to 40	18 to 24	1
Onion	1/4 oz.	3 to 4 lbs.	18 to 24	3 to 4	3/4
Onion (for sets)		60 to 85 lbs.	12 to 14	Not thin'd	3/4
Parsnip	1/2 oz.	3 to 4 lbs.	18 to 24	3 to 4	1/2
Parsley	1/4 oz.	3 to 4 lbs.	12 to 20	6 to 8	1/2
Peas	3/4 lb.	90 to 180 lbs.	24 to 36	1 to 2	1 to 2
Pepper	1/8 oz.	1 to 2 lbs.	20 to 30	18 to 29	1/2
Potatoes	8 lbs.	800-1000	24 to 36	18 to 24	6
Pumpkin	2 oz.	3 to 4 lbs.	96 to 110	60 to 84	3/4
Radish	½ oz.	10 to 12 lbs.	12 to 18	1 to 2	1/2
Rhubarb	½ oz.	3 lbs.	24 to 42	20 to 24	3/4
Rutabaga	1/2 oz.	2 to 4 lbs.	18 to 24	4 to 7	1/2
Sage	½ oz.	4 to 5 lbs.	20 to 24	6 to 10	1/2
Salsify	3/4 oz.	7 to 8 lbs.	18 to 24	2 to 3	3/4
Sorrel	1/2 OZ.	4 to 5 lbs.	18 to 22	2 to 3	1/2
Spinach	3/4 oz.	10 to 20 lbs.	14 to 18	3 to 5	3/4
Squash, Bush	1 oz.	4 to 6 lbs.	42 to 48	42 to 48	1
Squash, Vining	1 oz.	4 lbs.	72 to 90	60 to 90	1
Sunflower	1 oz.	7 to 8 lbs.	48 to 70	10 to 12	1
Tomato		2 oz.	40 to 60	36 to 40	1/2
Tobacco		2 oz.	36 to 48	24 to 36	1/2
Turnip	½ oz.	2 to 3 lbs.	12 to 20	2 to 4	$\frac{1}{2}$ $\frac{1}{2}$

## NOVELTIES and SPECIALTIES - SEED



Aster, Crego Enchantress

#### Asters

PRICES ON ALL GIANTS OF CALIFORNIA AND AMERICAN BRANCHING ASTERS

Each 10c; 6 for 55c; 12 for \$1.00.

GIANTS OF CALIFORNIA in following colors—Peach Blossom, Light Blue, Deep Rose, Dark Purple, White and Mixed.

IMPROVED CREGO—Crimson, Lavender,

and Mixed.
CREGO ENCHANTRESS—Salmon Rose.
EL MONTE—Super Giant Crimson.
LOS ANGELES—Super Giant Shell Pink.

#### American Branching Asters

The blossoms of these asters have incurved petals and are large, double, and borne on long stiff stems. The flowers are peony-like and are sometimes known as the Beauty type. Excellent as a cut flower. A profuse bloomer. Colors: Azure Blue, Crimson, Peach Blossom, Purple, White and Mixed

#### Heart of France Asters

This is undoubtedly the finest ruby red aster on the market and we have added it to our list for the benefit of those who wish a truly fine aster of that shade. The flower is large and the stem is sufficiently strong for any purpose. Per pkt. 15c.

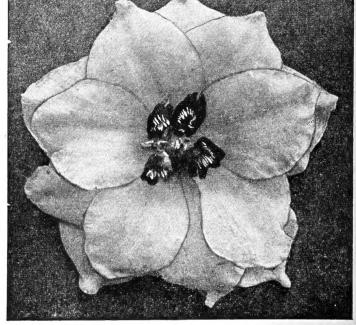
Imbricated Pompon Asters

A most charming, rather early blooming type. The plants are of upright, somewhat compact growth, about 15 in. tall and lend themselves admirably to bedding, cutting and pot culture. The small, round, pompon flowers have a few rows of short, broad outer petals, while the center petals are quilled. Mixed colors. Price per pkt. 15c.

#### California Sunshine Asters

This aster is of an entirely new type. The flowers, which range through flesh, pink, carmine, lavender and violet, are inclined to be rather flat and dainty. Single or Anemone Flowered Asters have been on the market for several years, but the California Sunshine Asters are the first on strong stems of a suitable length for bouquets or florist work. Mixed colors. Per nkt. 15c. Per pkt. 15c.

New Aurora Aster "Golden Sheaf"
Golden Sheaf is the finest Aster introduction of 1935. A new wilt-resistant variety of the famous Aurora type. The flowers, which are of the deepest yellow of any aster yet offered, are fully double with an attractive crest-like center, of good substance, and fine depth of petal. A new type and color which must be seen to be fully appreciated. Per pkt. 15c.



#### Pacific Strain Delphinium

These magnificent Delphiniums are the result of years of painstaking research and hybridizing by Mr. Frank Reinelt. The florets are often over 2 inches in diameter and borne on tall, mildew resisting stalks of great height. Expensive but easily worth the price. Price per pkt. each 25c.

Plants of Pacific Delphinium, each 35c;

3 for \$1.00. For other Delphiniums see bottom page 5.

#### Bachelor Buttons-Jubilee Gem

A dwarf variety, making a compact plant covered with double dark blue flowers. The foliage forms a tufted mass of bright green. Height about 12 inches. (All America Selection, 1937). Price per pkt. 10c.

#### Cactus

Good results in growing new varieties of cactus may be obtained with our seed as follows: Sow the seed in flats or pans in soil made with even parts of sand and leaf mold. Cover seed lightly and keep moist but not wet. Cover with a pane of glass. Germination period 14 to 40 days. Seed contains many varieties including rare kinds. Pkt. each 20c.

Orange Fantasy Calendula
Winner of All-America Award. A new
sort with long outer petals, the inner
petals short, curled and interlaced to form
a heavy crest which surrounds a large
mahogany bronze center. Flowers grow
over 3 inches across, of deep but pleasing
coppery orange, with petals edged deep
mahogany-red; 15 inches tall. Pkt. 10c.

#### Cardinal Climber

This annual is very attractive, strong and rapid climber that sometimes attains a growth of 25 feet in a single season. The foliage is fern-like and dainty. During the flowering season the vine is literally a blaze of fiery cardinal blossoms, each about 1 inch across. Per pkt. 15c.

#### Double Crested Cosmos

(Early)
This new and improved Cosmos is one of the most beautiful of recent introduction. The center of the flower has a crest or crown which is very attractive. The outer or guard petals are similar to the single Cosmos. They bloom as early as the Early Single Cosmos. Per pkt. 15c.

New Cosmos Klondyke "Orange Flare"
This new Cosmos of the Klondyke type is among the best of the All-America introductions. The flower which is of fine substance and borne on long stiff stems is of a color new in Cosmos. This is a vivid orange of striking hue. Unsurpassed for cutting. Per pkt. 10c.

#### "Aurora Blue"

Similar to Golden Sheaf in form but light blue with yellow center. Very attractive. Per pkt. 15c.

Giant Single Asters

A wonderful new kind of asters often measuring 3 to 4 inches across with stems 18 to 20 inches long. The flowers resemble the Shasta Daisy somewhat but come in a wide range of colors. Sold in mixture only. Per pkt. 15c.

Ageratum Midget Blue

Ageratum Midget Blue
(All America Selection). The first really dependable extra dwarf (height 2-3 ins.) ageratum that will come uniformly dwarf and true to color, which is a true ageratum blue. The foliage is fine and the plants externally smothered with flowers. Fine for rockeries or edgings. Price per pkt. 15c.

#### Alyssum Violet Queen

This new dwarf compact alyssum is a bright violet color which is a charming companion for the white LITTLE GEM. Height about 5 or 6 inches, making it an excellent bedding or border flower. Pkt.



Orange Fantasy Calendula

### NOVELTIES and SPECIALTIES — SEED

#### Cosmos, Sensation Pinkie

This is the finest new development in Cosmos. The flowers are very large, as much as 5 inches in diameter, with broad, heavy fluted petals, slightly overlapped. Ideal for cut flowers. Sturdy plants are 3 to 4 feet high, producing flowers 8 to 10 weeks from seed. Pkt. 10c.

#### Hollyhock-Annual "Indian Spring"

A new annual hollyhock with semi-double crinkly edged flowers of lovely rose-pink shades predominating. Cutting back after first blooms are past often produces a second crop of flowers. Price per pkt. 10c.

#### Beautiful New Marigolds

#### Marigold Mission Giants

A new personality in marigolds of exceptional merit. The plants grow about 18 inches high and show much more than the ordinary amount of vigor. The plants, which are base branching, produce from 8 to 12 stems of excellent length. The blooms, which measure from 4 to 5 inches in director are elevent a particle bell. in diameter, are almost a perfect ball.

MISSION GIANT GOLDSMITH. Ne rich golden orange. Price per pkt. 15c.

MISSION GIANT YELLOWSTONE. New clear golden yellow. Price per pkt. 15c.

#### Marigold Gigantea "Sunset Giants"

A striking new sweet scented marigold A striking new sweet scented marigold that is attracting much attention on account of its size, keeping qualities and range of color, which varies from deep orange, golden orange, deep golden yellow, lemon and primrose. The blossoms, which are borne on robust plants 3 to 4 feet tall, average 5 inches in diameter on good soil. Early, large and fully 60 per cent double. Per pkt. 15c. Per pkt. 15c.

#### New Double Marigold "Guinea Gold"

A new and distinct type of Marigold, ex-A new and distinct type of Marigold, excellent for both cut flower and garden use. The flowers are a brilliant orange, double, ruffled, with loose petals. A fine addition to the Marigold family. Per pkt. 10c.

#### New Mammoth Mum Marigold

Great, fluffy, light sulphur, yellow blooms 3½ inches and more across. 2 inches deep, flowering in 2½ months from seed so gardeners have "Mums" for garden and cut flowers months before frost even threat-



Chrysanthemum Marigold

ens. Profusely borne on upright plants 30 inches tall. Extremely long, sturdy stems. Per pkt. 15c.

#### Harmony Hybrids

French Dwarf Double. All the fine features of "Harmony" but coming in a wide and varied color range, from yellow to maroon with many striped and contrasting combinations. Price per pkt. 10c.

#### Flash Marigold

New All-America Silver Medal Winner. Earliest of all Marigolds! The dwarf plants are completely covered with flowers all summer. Flowers are a bright combination of colors: ranging from vivid red through bronze, with a few yellow flowers to give harmonious contrast to the massed, alive highest of the flow plants. alive brilliance of the fiery plants. Plants average 18 in. in height. Price per packet 25c.

See back cover for colored picture.

#### Heavenly Blue Morning Glory

This is a new shade of the well known climber and will find great favor with those who wish a rapid growing vine for covering trellises and garage walls. The color is such a brilliant blue that a mass of these Morning Glories makes a wonderful display when in full bloom. Pkt. 10c.

#### Imperial Morning Glory

The flowers are gigantic in size and their colorings beyond description, ranging from snow-white to black purple with all possible intermediate shades and all possible intermedia markings. Per pkt. 10c.

#### Giant Imperial Larkspurs

This new type of Larkspur is much finer than the well known stock-flowered type and will supersede it for both florist and home garden use. The delphinium-like flowers are carried on 4 to 5 foot stems. The plant is upright and compact. A wonderful hardy annual. We offer the following colors: Blue Spire, Carmine King, Lilac Spire, Miss California (salmon rose), White Spire and Mixed. Per pkt. 10c; collection of six, 50c.

#### Delphinium

(Perennial Larkspur)

WREXHAM HYBRIDS. One of the finest strains of Delphinium on the market. The flowers are large and showy, the plants tall and vigorous. The color ranges from light to dark blue. Very fine. Pkt. 15c.

GOLD MEDAL HYBRIDS. A fine strain of these well-known flowers that will give satisfaction wherever grown.

#### **Dahlias From Seed**

Growing dahlias from seed is not only a fascinating pastime but you many originate a beautiful new variety of your own. We offer two early blooming sorts:

Finest Single and Double

Mixed. All colors and varieties. Pkt. 15c.

Unwin's Ideal Bedding. A mixture of early dwarf single free-blooming dahlias in a finer array of colors. Pkt.

For Dahlia Tubers-See p. 30.

Russell's Lupins

This is without doubt the finest strain of Perennial Lupins yet introduced. It was originated in England and first offered in 1938 at very high prices. The flower spikes are longer, and the flowers closer placed than any of the earlier kinds. The colors are brighter and come in a wide range of solid colors and striking bi-colors. Our seed is saved from reselected plants. Large pkt. 25c; 1/8 oz. 50c.

#### Semi-Double Gleam Nasturtiums

This new race of semi-double nasturtium needs no description as it has almost replaced the old style sorts. We offer them in the following shades and colors:

GOLDEN GLEAM. Golden yellow. Pkt.

SCARLET GLEAM. Brilliant scarlet. Pkt. 10c

MAHOGANY. Dark mahogany red.

Pkt. 10c.
MOON GLEAM. Light golden cream.
Pkt. 10c.
ORANGE GLEAM. Deep glowing orange.
Pkt. 10c.
SALMON GLEAM. Golden salmon.

Pkt. 10c.

DOUBLE GLEAM HYBI shades. Pkt. 10c; oz. 20c. HYBRIDS. Many

#### "Dwarf Double Gem Mixture"

This new type of Double Gem is entirely This new type of Double Gem is entirely free from runners and forms dwarf, compact, gem-like plants suitable for edging or window boxes. The range of color includes shades of yellow, orange, scarlet, crimson, cerise, maroon, etc. The flowers are sweet scented and the foliage varies from light to dark green. Per pkt. 10c; oz.

#### Nemesia

This is one of the best of the dwarf an-This is one of the best of the dwarf annuals which make pleasing masses of low growth for edging and borders for beds of tall annuals or perennials. The orchidlike flowers are often ¾ inch across and the color is various shades of scarlet, orange, rose and blue. Large flowered hybrids. Per pkt. 10c.

### Dwarf Cup Flower Nierembergia Hippomanica

One of the best of recent introductions one of the best of recent introductions for the border, edgings, rockery or window box. Grows 6 to 8 inches tall and covered all summer with light lavender cupshaped flowers. It has lived through the last two winters without special care. Price per pkt. 15c.



Nasturtium Golden Gleam

### NOVELTIES and SPECIALTIES - SEED



Tillinghast Regal Pansy

#### GIANT PANSIES MASTODON "JUMBO"

Earliest of all. These gigantic flowers are often 4½ inches across. This mixture contains shades of orchids, blues, pinks, copper, salmon and many other colors. Per pkt. 50c.

"MASTODON MIRACLE" MIXED

"MASTODON MIRACLE" MIXED
A wonderful mixture of the famous
Mastodon Pansies containing many of the
finest novelties produced by a well-known
Pansy grower. Per pkt 35c.

TILLINGHAST "REGAL" PANSY SEED
A good mixture of large flowering sorts
in a good range of colors. Per pkt. 25c.

#### Pentstemon

This beautiful perennial ranks with the petunia and phlox as a bedding plant. However, it is usually treated as an annual as it blooms readily from seed the first year. The flower spikes are about 30 inches tall and very brilliant. All colors mixed. Per pkt. 15c.

#### Petunia

Petunia — Cream Star

Light cream at the outer edges, the throat deepens to a bright golden yellow. The small, five-pointed star-like blooms are produced in amazing quantities on the dwarf plants which have a remarkable dwarf uniform habit of growth. Ideal for the dwarf border. Per pkt. 15c.

Petunia — Giants of California

Rose and pink shades. This is among the finest of the single petunias we have yet seen. Exquisitely ruffled and of immense size, often measuring over 5 inches across. Shades of rose and pink with lighter throats. Pkt. 25c.

Petunia — Theodosia

lighter throats. Pkt. 25c.

Petunia — Theodosia

One of the finest garden petunias yet. A frilled bloom of rich rose with deep open throat of molten gold. Blooms about 3 inches in diameter. Long and continuous bloomer. One of the finest of all petunias. Price per pkt. 25c.

Petunia "Rosy Morn"

This is a single bedding Petunia that in recent years has become very popular for bedding and window boxes. The color is a soft rose pink with the throat shading to white. It is a very profuse bloomer and well liked by all who have grown it. Per pkt. 10c. white. It is well liked be Per pkt. 10c.

Per pkt. 10c.

Petunia "Elks' Pride"

This is the finest of all purple Petunias and is in great demand both for bedding and for window boxes. The plant is somewhat trailing and very free flowering. The color is a vivid royal purple and very striking. Per pkt. 25c.

Giants of California Petunia

Our strain of these well known ruffled petunias contains a wide range of colors and markings. Some of the blooms are so rufled that they appears almost double. kt. each 25c.

#### Giant Double Petunia

One of the prettiest and finest strains of petunias in existence. They come in a wide range of colors and run a high percent of doubles. Price per pkt. 50c.

Petunia, Flaming Velvet

Velvety, rich, blood-red flower. The plants are semi-compact in habit, about 15 inches high and absolutely uniform. The flowers are large and borne in great profusion. Pkt. 20c. sion. Pkt. 20c.

Cheerful Petunia, Dwarf Bedding

Entirely new color and growing habit. Crisp, satiny sheen on salmon-pink petals, deeper rose veining toward throat; flowers 2½ inches and more across. Plants first grow low, spreading close to the ground, later forming a mound 10 to 12 inches high with spread of 2 feet, densely compact with no tendency to thin out, fall over or open up at center. Per Pkt. 25c.



Scabiosa, Blue Moon

Petunia

**Iceland Poppy** 

While these hardy poppies are perennials they bloom as well from seed the first year as the annual sorts. They are very graceful with neat, fern-like foliage. The flower stalks are about 15 inches tall, beginning an order anything of believed. bearing an endless profusion of brilliant flowers that are suitable for cutting. Various shades of yellow, white and orange scarlet. Per pkt. 10c.

Red Cardinal, Iceland Poppy

This is the first real red poppy of this class to be offered. The color is a brilliant cardinal red and is a fine addition to the usual orange and yellow shades. Price per pkt. 15c.

#### California Poppy

"Ramona Strain"

This is similar to the common form in shape and color but the petals are crinkled and fluted like crepe paper. Very fine. Per pkt. 15c.

Tulip Poppy

The Tulip Poppy is one of the most brilliant of all poppies and unsurpassed for massed planting. The flowers are 3 inches across and closely resemble a brilliant scarlet. Gesneriana Tulip. Very fine. Per pkt. 10c.

#### New Scabiosa Grandiflora Rosette

As the result of many years' selection and painstaking care, we have created a glorious new color in Annual Scabiosa. Rosette is a beautiful shade of deep rose heavily suffused with salmon. The flowers are extra large and the stems are long and stiff. This glorious, glowing new color will undoubtedly make Rosette a most popular flower for the garden and also with the florist for cutting. Per pkt. 10c.

#### Giant Scabiosa "Blue Moon"

Considered by many as the outstanding flower introduction of 1939. This new type of scabiosa is fully double and larger than any previous type. Color is a lavender blue, stems long and strong. An ideal cut flower. Pkt. each 15c.

#### Giant Scabiosa "Peach Blossom"

A fine new shade of Giant Scabiosa that A fine new snade of Giant Scapiosa that makes a wonderful cut flower for the home as well as the florist. It is a great improvement over the common Scabiosa as the flowers are of enormous size and the color is exquisite. The blooms stand rain well and the season extends into the late fall. Per pkt. 10c.

### NOVELTIES and SPECIALTIES - SEED



Violas

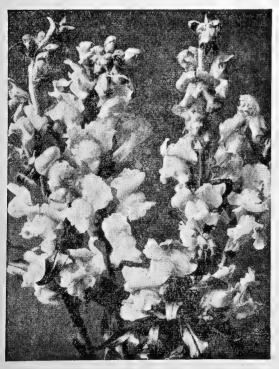
#### Tillinghast's Formula Mixture of Violas

This blend of bright gay colors far surpasses any mixture of violas we have ever seen. The bright shades of self colors of red, yellow, blue, and apricot combined with many shades which are blotched undoubtedly make these violas a supreme mixture. Price per pkt. 25c.

#### Venidium

(Fastuosum Hybrids)

These new hybrids of the African Daisy form strong bushy plants about 2 feet tall with flowers about 3 inches across. The new hybrids come in a remarkable range of colors, from pure white through ivory, yellow and buff, set off by gleaming black centers with maroon markings at the base of the petals. Start in flats and transplant when danger of frost is over. Per net 15c.



Snapdragons

#### **Double Early Giant Imperial Stocks**

We offer this year the finest double stocks that we have yet seen. They will produce plants about 2 feet tall with many spikes of immense florets. Very fragrant. This strain will produce a very high percentage of doubles when grown under favorable conditions. We offer the following colors: Fiery Blood Red, Elks' Pride (purple), Lavender, Blush Pink, Buttercup (yellow), white, and mixed. Per pkt. 15c, 3 for 40c; complete set of six, 75c.

#### Brompton or Winter Stocks

A hardy strain of stocks that does well during mild winters but should be in a protected location. It is of branching habit, disease resistant, robust and easy to grow. Height 24 inches. Many colors in our mixture. Pkt. each 15c.

#### Salvia

#### America or Globe of Fire

16 inch. Freest and most continuous bloomer; also the most uniform in habit, which makes it particularly valuable for bedding or ribbon planting. Pkt. 25c.

#### Zinnias

Zinnia-Crown O' Gold Pastel Tints

Zinnia—Crown O' Gold Pastel Tints
The finest large flowered Zinnia introduction since the original Dahlia Flowered. The flowers are large and showy, five to five and one-half inches in diameter. Strictly a pastel mixture, it contains a wide range of pastel shades. All of the flowers carry the characteristics Crown O' Gold markings, that is each petal of the flower is overlaid at the base with deep golden yellow, while carrying out the individual flower color at the tip. Plants grow about 3 feet tall, and flowers are borne profusely throughout the season. Per pkt. each 15c.

#### Giants of California Zinnias

A mutation from the Giant Dahlia Flow-A mutation from the Giant Dahlia Flow-ered Zinnia that is truly enormous in size. The blossom is flatter than the Dahlia Flowered type and the stem is not so stiff, which gives it a much more graceful appearance. Our mixture contains a wide range of colors. Per pkt. 10c.

#### Rustproof Giant Flowered Snapdragon

The plants of this variety are much larger than the common snapdragons, growing 2 or 3 feet tall. The flower stems are long and thickly set with large flowers. This is the largest and finest of all snapdragons. Wonderful either for massing or for cut flowers. It is a fine steady bloomer when properly cared for and fertilized. The seed we offer is almost entirely rustproof and comes in the following colors: Alaska (white), Campfire (scarlet), Canary Bird (canary yellow), Copper shades (copper and orange), Loveliness (rose pink), and Mixed. Per pkt. 10c; collection of six, 50c.

#### Rustproof Snapdragon—Rosalie

This lovely new color in "Snaps" offered first in 1940. The color is a rich rose with an underlying tone of topaz or amber. Many huge flowers open at the same time. Price per pkt. 15c.

#### Giant Dahlia-Flowered Zinnias

These Zinnias are so superior to the varieties usually offered that they beggar description. The flowers are unusually large, being from 4 to 7 inches in diameter when grown under proper conditions with good fertilizer and sufficient moisture. Many of the flowers resemble immense dahlias with their long, stout stems that make them unsurpassed as cut flowers. We offer this strain in six distinct colors and a mixture: Crimson Monarch, Dream (deep lavender), Exquisite (pink), Canary Bird (primrose yellow), Oriole (golden yellow), Polar Bear (white), and Mixed. Per pkt. 10c, 3 for 25c, 7 for 55c.

#### Lilliput Zinnias

A new type of Zinnias that is rapidly coming into favor as a bedding plant. Owing to the fact that it is only about 12 inches tall, it is suitable either for bedding or window boxes. The flowers which are small and button-like and very double are borne in great profusion. Our mixture contains a beautiful variety of shades and is very fine for small bouquets and basket work. Per pkt. 10c.

#### New Giant Crested Zinnia Howard's Giant

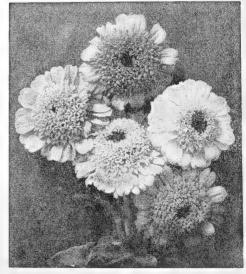
A cross between the Giant Dahlia Flow-A cross between the Giant Dahlia Flowered and Scabiosa Flowered which combines the size of first with the form of the second. The crested centers are surrounded by several rows of guard petals presenting a pleasing variation from the usual Zinnia. All the usual Zinnia colors—orange, scarlet, yellow, rose, maize and crimson are included. A bouquet of these giant flowers is breath taking in its beauty. Howard's Crested Zinnias are a real novelty. Price per pkt. 25c.

#### Zinnia—Haageana Double (Mexican Hybrids)

The small flowered Mexican Zinnias have The small flowered Mexican Zinnias have a charm all their own. The smaller flowers lend themselves to bedding and make a brilliant display and yet have stems long enough to make fine bouquets for small vases and bowls. The mixture contains many attractive colors and color combinations. Finest Mixed. Per Pkt. 10c.

#### Fantasy Finest Mixed

This new Fantasy Mixture with rounded flowers of shaggy ray-like petals is an outstanding Zinnia novelty. The plants are 2 to 3 feet high and bearing many blooms throughout the summer. The color range includes the brightest shades of red and orange as well as the popular pastel shades, pink and cream. Per pkt. 10c.



Zinnia, Howard's Giant Crested

## VECETABLE LIST FOR 1945

**Asparagus** 

Asparagus

1 oz. to 100 ft., 4 lbs. per acre.

CULTURE—When starting an Asparagus bed from seed, it is advisable to soak the seed for 24 hours before planting. This makes germination more rapid and certain. Sow in Spring in rows about 18 inches apart, allowing 15 to 20 seeds to the foot. Cover 2 inches deep. When plants are well established, thin to about an inch apart. Hoe frequently during the Summer. The plants will be ready to set in a permanent bed the following Spring.

GIANT WASHINGTON. A rust-resisting asparagus. This splendid new asparagus which has been bred up under U. S. Government supervision, has proven to be of unquestioned merit both for the home garden or for production on a large scale. The color is good and quality excellent. Pkg. 10c; oz. 20c; 1/4 lb. 60c; 1 lb. \$1.75. (See page 23.)

Beans

DWARF BEANS
1 lb. to 100 ft., 50 to 60 lbs. per acre. POLE BEANS

1 lb. to 100 ft., 30 to 35 lbs. per acre.

1 lb. to 100 ft., 30 to 35 lbs. per acre.

LIMA BEANS

1 lb. to 100 ft., 30 to 50 lbs. per acre.

CULTURE—Plant Beans after all danger of frost is past, in warm, dry, well prepared soil. The rows should be 2 to 3 feet apart and the seeds covered 1½ to 2 inches deep. Thin the young plants to 3 to 6 ins. apart in the rows. Shallow cultivation should be frequent until blossoming; then stop to avoid injury to roots. Root injury causes the blossoms to fall off. For succession, plant every 2 weeks until midsummer. Frequent picking of the crop insures long bearing.

#### **Wax-Pod Bush Beans**

PRICE — All Bush Beans, POSTPAID:  $\frac{1}{4}$  lb. 10c;  $\frac{1}{2}$  lb. 20c; 1 lb. 35c; 5 lbs. \$1.65. BRITTLE WAX. This is without a doubt

Improved Golden Wax

the earliest of all wax beans and also a great cropper. The bushes are remarkably hardy and extremely prolific, while the pods are fleshy and entirely stringless, often measuring 4½ to 6 inches. Fine flavor, round and solid, tender, brittle and entirely stringless at all stages of growth. The beans are white except for small black dot near the eye Also fine as a shell bean The beans are white except for small black dot near the eye. Also fine as a shell bean. \*PENCIL POD BLACK WAX. One of the finest strains of wax beans known. It is very early, enormously productive and of the very best quality. It has long, slender handsome pods, that cook so tender that they melt in the mouth, and are the most delicious bean we have ever found. IMPROVED GOLDEN WAX. A splendid early wax bean. The plants are erect, compact and very productive. The pods are medium size, broad and fleshy. The quality is very fine.

#### Shell Beans

PRICES—See Wax-Pod Beans
DAVIS WHITE WAX. A popular white
seeded, wax podded bean of superior
merit. The pod is large and when young is
crisp and tender. One of the main uses of
this variety, however, is as a dried bean
for winter use, for which purpose it is
unsurpassed.
\*DWARF HORTICULTURAL, or "Cranberry Bean." This well-known bean is

wnsurpassed.
★DWARF HORTICULTURAL, or "Cranberry Bean." This well-known bean is very sturdy and prolific. The beans, which are speckled, bright red on a yellowish ground, are quite large and uniform and are very fine either for eating as green shell beans or as dried beans for winter

use. BOSTON PEA BEAN. Also called White Navy. This is the best of the small white beans known as navy beans for the Northwest. The bean is small, oval, white and of excellent flavor for baking. The plant does not run to vine and the leaves are few and drop early.

#### Lima Beans

PRICES—Same as Green Pod EARLY BUSH LIMA. Earliest and most productive of the lima beans. Quality good either for eating fresh or for canning. Requires a warm location in this area.

#### Green-Pod Bush Beans

Green-Pod Bush Beans

PRICE—All bush beans, POSTPAID:

½ Ib. 10c; ½ Ib. 20c; 1 Ib. 35c; 5 Ibs. \$1.65.

STRINGLESS GREEN POD. The first pods of this splendid bean are ready for use about 65 days after planting. They remain tender and crisp a long time after they reach full size and are tender, brittle and entirely stringless. Very productive.

\*HENDERSON'S BOUNTIFUL. One of the earliest of green pod beans. Vines are vigorous and prolific. Pods large, flat, free from strings or tough lining and are tender and delicious. Although not a new bean it still is one of the favorite sorts.

TENDERGREEN. A very desirable sort for home garden or market. The plants are large, erect and productive. Pods round, fleshy, dark green, strictly stringless, and of fine quality. Seeds are brown, mottled and blotched with light fawn.

#### BEANS, Pole or Running

PRICE, Postpaid: All kinds, except Oregon Pole Lima, Oregon Giant; ¼ ib. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.65.

\*KENTUCKY WONDER. Also called Old Homestead. This grand pole bean continues to be a great favorite both for home garden and for canning. It is medium early and enormously productive. The pods are large, green, and very long. A wonderful string bean that is also satisfactory as a dry shelled bean. The seed is brown.

KENTUCKY WONDER WAX. An excellent variety and of the very best pole beans. The pods are long, very thick, meaty, deeply saddle-backed, entirely stringless and bright yellow in color. The vine is thrifty and very prolific. Seed deep brown.

brown.

BLUE LAKE. An early, long round pod, stringless bean. Good flavor and a heavy yielder. The best canning bean on the

LAZY WIFE. Pods are from 4 to 5 inches in length, produced in large clusters in great abundance. Dark green, thick, fleshy and stringless; of unusually rich flavor. Dry beans, pure white; excellent for winter use.

OREGON GIANT BEAN. This is one of the best of the recent introductions, either for home or for market. The pods are about one foot in length and light green striped with carmine. Hardy and productive. Pkg. 10c; 1/4 lb. 15c; 1/2 lb. 25c; 1 lb. 45c; 5 lbs. \$2.15.

OREGON POLE LIMA. An excellent pole Lima Bean that does very well in the Northwest, being early enough to mature in this climate. The pods are large and broad. The beans are white, and of delicious quality, either green, shelled or dry. Pkg. 10c; 1/4 lb. 15c; 1/2 lb. 25c; 1 lb. 45c; 5 lbs. \$2.15.

#### Table Beets

1 oz. to 100 ft., 8 to 14 lbs. per acre.

Table Beets

1 oz. to 100 ft., 8 to 14 lbs. per acre.

CULTURE—Seed should be sown at the rate of one ounce to 100 feet of row. The rows should be spaced 14 to 24 ins. apart. Work the soil well and cover the seeds about an inch deep. A rich sandy loam is most favorable, but nearly all types of soil will provide Beets if sufficiently fertilized and properly tilled.

EARLY WONDER. A new variety that is an improvement over the old Crosby's Egyptian, from which it originated. It is very nearly globular in shape and the flesh is dark red, sweet and tender. The skin is smooth and the tops small. It matures slightly later than the Early Egyptian. Pkg. 10c; oz. 20c; ¼ lb. 60c; ½ lb. \$1.00; lb. \$1.80.

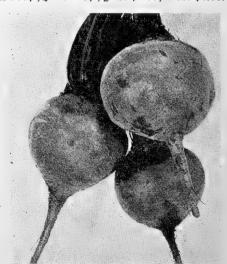
\*DETROIT DARK RED. This is considered the best general purpose beet on the market today. The root is rounded smooth and very dark red. The flesh is dark crimson with almost purple zones and of the finest quality. It has replaced almost entirely the sorts formerly used for canning either for home or commercial use or for home garden. Pkg. 10c; oz. 20c; ¼ lb. 60c; ½ lb. \$1.00; 1 lb. \$1.80.

EARLY EGYPTIAN. This is the best variety for forcing or for the earliest market trade. It is rounded somewhat on top but flattened underneath and has a small tap root. The tops are small, the flesh very dark, slightly zoned. Pkg. 10c; oz. 20c; ¼ lb. 60c; ½ lb. \$1.00; 1 lb. \$1.80.

CROSBY'S EGYPTIAN. This beet is smooth, dark red, and about midway in shape between Flat Egyptian and Detroit Dark Red, and of excellent flavor. Pkg. 10c; oz. 20c; ¼ lb. 60c; ½ lb. \$1.00; 1 lb. \$1.80.

EDMOND'S BLOOD TURNIP. A handsome, clean shaped blood beet, not too large or coarse but of good eige. The

\$1.80. EDMOND'S BLOOD TURNIP. A handsome, clean shaped blood beet, not too large or coarse but of good size. The flesh is crips, tender and sweet and an excellent keeper. The tops are small and the root matures rather early. Pkg. 10c; oz. 20c; 1/4 lb. 60c; 1/2 lb. \$1.00; 1 lb. \$1.80.



Beets, Detroit Dark Red

#### **Brussels Sprouts**

1/2 oz. to 100 ft., 4 oz. per acre.

CULTURE—They are successfully grown wherever conditions are favorable for late

wherever conditions are favorable for late cabbage and require the same method of culture. They mature best in the Autumn after the weather becomes cool.

TALL FRENCH. This variety grows two or three feet high. It produces numerous sprouts which resemble little cabbage heads, one to two inches in diameter. The flavor is like mild cabbage. Pkg. 10c; oz. 60c. oz. 60c.

#### Sugar Beets

For Sugar or Stock

KLEIN WANZLEBEN. This variety of sugar beet is very hardy and easy to grow. It produces very heavily and is used for both sugar production and for stock. Pkg. 10c; oz. 20c; 1/4 lb. 55c; 1/2 lb. 90c; 1 lb. \$1.60.

#### Mangel-Wurzel or **Stock Beets**

PRICES ON ALL MANGEL SEED: Oz. 15c; 1/4 lb. 40c; 1/2 lb. 75c; 1 lb. \$1.35. Five lbs. @ \$1.30 per lb. Postpaid in 1st to 4th

\*DANISH SLUDSTRUP. This is without doubt the largest selling mangel in the Northwest. The root is oval, long, easy to pull, and reddish yellow in color. High in yield and high in food value.

MAMMOTH LONG RED. Largest red. Easiest to pull. Grows mostly above ground. Produces more weight to the acre, but is coarser grain than the other

acre, but is coarser grain than the other mangels.

GOLDEN YELLOW TANKARD. A smooth yellowish-fleshed mangel. The roots are of large diameter, tapering quickly at the bottom, which is quite broad, with only a small tap root. It grows largely above the soil. It yields large crops on good land and is easily harvested.

GIANT HALF SUGAR MANGEL. A strain of mangels, larger than the regular sugar beet, and sweeter than the other mangels, which has been specially selected for its size and also nutritive feeding value. Stands well out of the ground and is easier to pull than the smaller sugar beets.

#### Broccoli

1/2 oz. to 100 ft., 4 oz. per acre.

I/2 oz. to 100 ft., 4 oz. per acre.

Broccoli is a variety of cauliflower, but is more hardy and requires a longer period for development. It is often called "winter cauliflower" and should be treated the same as late cauliflower.

ITALIAN GREEN SPROUTING. This new type of Broccoli is a recent introduction from Europe. The heads are green instead of white and are considered by many to be superior in flavor to the standard sort. If the first head is cut when ready others will sprout up so that several cuttings may be had. It is cooked like cauliflower. Pkg. 10c; 1/4 oz. 30c; 1 oz. \$1.00. ST. VALENTINE. This is the finest variety of Broccoli for use in the west where it is used largely by market gardeners as well as in the home garden. The heads are large, solid, very white and of finest quality. With average weather conditions the crop will mature for use about February. Pkg. 10c; 1/4 oz. 35c; oz. \$1.25.



Brussels Sprouts

#### Swiss Chard

1 oz. to 100 ft., 6 to 10 lbs. per acre. 1 oz. to 100 ft., 6 to 10 lbs. per acre. LUCULLUS. A variety of beet grown exclusively for its large, juicy, tender, light colored leaves and leaf stalks, which are much superior to those of other beets for use as greens. Swiss Chard is also greatly relished by chickens. Poultrymen will find this a valuable food for young chicks as well as laying hens that are kept constantly penned up. Pkg. 10c; oz. 20c; 1/4 lb. 55c; 1/2 lb. 90c; 1 lb. \$1.60.

RHUBARB CHARD. A new Swiss Chard that looks like Rhubarb. The leaf stalks are bright but delicate, translucent crimson; the rich color extends out through the veins into the dark green, heavily crumpled leaves. Different, tasty, delicious flavor. Easily grown, thrives everywhere. Pkt. 15c.

#### Pure Bred CABBAGE

Pure Bred CABBAGE

1/2 oz. to 100 ft., 4 oz. per acre.

CULTURE—For plants of early kinds, sow seed in January under glass, and put out into flats about 2 inches apart. Transplant to open ground as early in the Spring as the soil can be prepared, setting 11/2 to 2 feet apart, in rows, which should be 3 feet apart. Cultivate frequently, and during dry weather water copiously. Late Cabbage seed should be sown in drills in open ground during April and May, and transplanted in June or July. Fertilize heavily, using 400 pounds nitrate of soda per acre in three dressings, one-third when plants are set out, and two-thirds a month apart later.

### Early Cabbage

GOLDEN ACRE. An extra early Copenhagen Type with small, round, quite solid heads, maturing with Jersey Wakefield. Plant dwarf, with few outer leaves; used by truckers for the early markets. Pkt. 10c: oz. 50c. 10c: oz. 50c.

CHARLESTON WAKEFIELD. This is a strain of Wakefield which is just a little later and larger than the Early Jersey Wakefield. The leaves are large, smooth and rather thick. The plant is very hardy and vigorous. The heads are blunt pointed, broad at the base, and in general very uniform. Pkt. 10c; oz. 50c.

EARLY WINNIGSTADT. A very solid, pointed head, medium in size and earliness. If planted late, makes a good winter cabbage. Heads well on land too poor to head other kinds. Pkt. 10c; oz. 50c.

★EARLY JERSEY WAKEFIELD. This is \*EARLY JERSEY WAKEFIELD. This is the earliest and best cabbage not only for market gardeners but for the family garden. Its great resistance both to frost and other unfavorable conditions makes it the surest header of all the early cabbages. The heads are very solid, uniform, medium sized and of excellent quality. Pkt. 10c; oz. 50c.

EARLY DWARF FLAT DUTCH. The plants of this valuable second early sort are short stemmed, compact and upright with comparatively few and short leaves. Outer leaves slightly waved and serrated at edges. Heads large for size of plant, nearly round or somewhat flattened, close, firm and very solid. Matures a little earlier than Early Summer. First quality seed. Pkt. 10c; oz. 50c.

ALL SEASONS OR SUCCESSION. A fine new cabbage a few days later but much larger than the Early Summer; sure heading and finest quality. Good to plant early or late. Pkt. 10c; oz. 50c.

\*COPENHAGEN MARKET. This is the earliest of the round headed type of cabbage yet introduced. Heads are quite large, very fine quality. Although this is note quite so hardy as early Jersey Wakefield, it will be found excellent both for home garden and the market. Pkt. 10c; oz. 50c.

#### Late Cabbage

\*DANISH BALL HEAD. A medium-sized, very solid head. It is a longer keep-er and a good one to ship. The small heads weigh more than large heads of other kinds. Should be planted on good-soil, with good cultivation to secure good-sized heads. On poor soil it makes too long a stem. Pkt. 10c; oz. 50c.

PREMIUM LATE DUTCH. Best for winter use; round or slightly flattened heads; stands freezing well. A good keeper and of excellent quality. Pkt. 10c; oz. 50c.

\*GLORY OF ENKHUIZEN. Second early variety, sure heading and excellent quality. Plants of vigorous growth. Heads globular or nearly round, very solid and of large size. Pkt. 10c; oz. 50c. very solid and

NETTED SAVOY. This is the finest of the Savoy cabbages, and a general favorite; of excellent flavor, surpassing that of any other late cabbage, stands freezing well. Pkt. 10c; oz. 50c.

RED DRUMHEAD. 90 days. An excellent red cabbage; splendid winter keeper. Heads round to slightly flattened globeshape; commonly 7 inches in diameter and weigh about 7 lbs.; very hard; deep purplish-red. Pkt. 10c; oz. 50c.



Broccoli Italian Green Sprouting

Left:

Right: Cabbage, Golden Acre



#### Chinese Cabbage

CHIHLI. A quaint distinct early variety CHIHLI. A quaint distinct early variety of great merit which we think superior to all other types. Heads are long, almost cylindrical, bleached pure white, very solid and of superior quality. The upright growth and the shape of the heads permits closer planting than of other kinds. Although of recent introduction, it is already very popular on most markets. It is important to sow at the right time in July and August as spring sowings will bolt to seed. Pkg. 10c; oz. 50c.

#### Carrots

1/2 oz. to 100 ft., 3 to 4 lbs. per acre.

CULTURE—Sow seed in light sandy soil, from April to July, in drills 1½ feet apart, covering the seed ½ inch deep. Thin out the young plants from 3 to 5 inches apart, according to size of variety. Cultivate freely and do not allow the soil to get too dry during hot weather.

PRICES ON ALL TABLE CARROTS: Pkg. 10c; oz. 40c; 1/4 lb. \$1.25; 1/2 lb. \$2.25; 1 lb. \$4.25.

\*NANTES or CORELESS. This is one of the finest of all table carrots, about six inches long and slightly over one inch in diameter when fully matured. It is stump rooted and very uniform in size the full length. The flesh is exceptionally tender and sweet and the flavor is fine, either cooked or raw as in salads. Our strain is almost entirely coreless, which makes it unsurpassed for canning purposes.

DANVERS HALF-LONG. The best known of all yellow carrots. It is shorter and easier to pull than the Long Orange and one of the best yielders. The quality is excellent. Very fine either for table or

LONG ORANGE. This is an old and well known variety in use for many years as a stock carrot. However, owing to its bright color and shape many market gardeners are finding a ready sale for it in the stores and markets.

\*RED CORED CHANTENAY. A new variety of carrot with tops shorter and finer cut than Chantenay. The roots are about six inches long and two inches in diameter. The core is quite red and in cooking retains its color in a remarkable extent. It has all the good qualities of both the Chantenay and the Nantes, and about 10% greater sugar content than either variety. A fine market sort.

OXHEART or GUERANDE. Short and thick intermediate, between the half-long and the Early Horn varieties; three or four inches in diameter at the neck. Of most beautiful color and shape.

Carrots, Red Cored Chantenay

IMPERATOR. A long, smooth, handsome carrot. Roots have rounded shoulders, smooth, deep rich orange; uniformly tapered to a semi-blunt end. Flesh rich orange color, extending to center of root; fine grained, tender and of excellent quality. An ideal hunghing carret ity. An ideal bunching carrot.

The worms in carrots are caused by the eggs from the Carrot Rust Fly. The best repellant for this pest that we know about is NAPTHALENE FLAKES. See page 35 for prices and information on use.

#### Stock Carrots

WHITE BELGIAN. In ground. This is the largest and best of the white stock carrots. The roots are 8 to 10 inches long and 3 to 4 inches thick at the top. They have almost entirely displaced the Short White or Mastodon owing to their superior quality and yield. Pkg. 10c; oz. 25c; 1/4 lb. 90c; 1/2 lb. \$1.70; 1 lb. \$3.25.

YELLOW BELGIAN. A new carrot similar to the White Belgian in every way. except the color which is pale yellow. Pkg. 10c; oz. 25c; 1/4 lb. 90c; 1/2 lb. \$1.70; 1 lb. \$3.25.

#### Celery

 $\frac{1}{4}$  oz. to 100 ft., 4 oz. per acre.

CULTURE—Sow from February to May in drills 1 foot apart. Later, usually in June, transplant to rows 3 feet apart and 6 inches apart in row. Rows should be furrowed out so plants may be set 6 inches deep. Later, soil may be banked against rows for blanching, even so-called self-blanching varieties needing the cool, moist soil to render the stalks crisp and tender. soil to render the stalks crisp and tender, but this should not be done until a few weeks before harvesting. One ounce of seed will produce five thousand plants.

\*GOLDEN PLUME. A yellow celery resembling the Golden Self-Blanching in several respects. Its height is about the same, but it is about two weeks earlier. It also makes a larger bunch which blanches easier and whiter. It is especially recommended for the home garden on account of its hardiness, easiness to blanch and its fine quality. Pkg. 10c; ½ oz. 30c; 1 oz. 50c.

WHITE PLUME. Most popular with white stalks and leaves. Very ornamental. Does not require so much banking up for blanching as the other kinds. Pkg. 10c; 1/2 oz. 30c; 1 oz. 50c.

GOLDEN SELF-BLANCHING CELERY. A good variety especially for later crop. The plant is naturally golden-yellow, both leaves and stems. Forms a small bunch. Pkg. 10c; ½ oz. 30c; 1 oz. 50c.

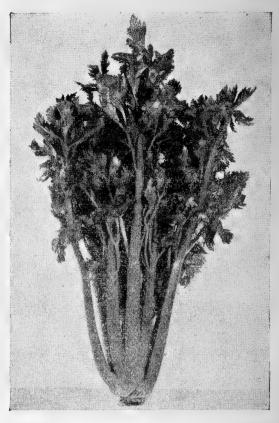
\*UTAH OR GOLDEN CRISP. A late celery that has come into favor during recent years. The plants are sturdy, compact and solid. Stems broad, thick and well rounded, flavor rich and nutty. Pkg. 10c; ½ oz. 30c; 1 oz. 50c.

#### Celeriac

 $\frac{1}{4}$  oz. to 100 ft., 4 oz. per acre.

CULTURE—Sow seed at the same season and give same treatment as common celery. Transplant to moist, rich soil, in rows 2 feet apart and 6 inches apart in row. Give thorough culture. It is not necessary to earth up or handle the plants. After the roots have attained a diameter of 2 ins., they are fit for use.

CELERIAC (Turnip-rooted Celery). This is distinct in growth from all the tall celeries. The edible portion is the large, swollen root, which somewhat resembles a turnip, and is highly esteemed for boiling or for flavoring soups, stews and other dishes. The plants should be started in the same manner as other celeries, and when of sufficient size, transplant to stand eight or ten inches apart each way in rich soil, hoeing frequently to promote a strong growth. As roots are produced entirely below the surface, plants do not need earthing up. Pkg. 10c; oz. 30c.



Golden Utah Celery

#### Cauliflower

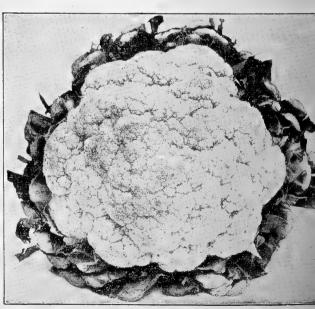
1/2 oz. to 100 ft., 4 oz. per acre.

V2 oz. to 100 ft., 4 oz. per acre. CULTURE—The same methods that produce good Cabbage will grow good Cauliflower. The only great difference is that Cauliflower heads must be protected from sunlight so as to make sure of the desirable white curd. Gather the tops of the leaves together loosely as soon as the heads begin to form. In shutting off the light, it is important not to cramp the heads.

\*HENDERSON'S EARLY SNOWBALL. The best known and most used of all the early cauliflowers. A great favorite with the market gardeners; for both early and late planting. Produces beautiful snowwhite heads of the most delicious flavor. Pkg. 15c; 1/4 oz. 75c; oz. \$2.50.

EXTRA EARLY DWARF ERFURT. This is the choicest selected strain of the Erfurt type and is very sure to make nice heads. Small leaves, large heads. Crop failure.

DANISH GIANT. An excellent dry weather variety, with large, pure white solid heads; two weeks later than the Erfurt, but will head up better in dry weather. Crop failure.



Cauliflower, Snowball

## SWEET CORN and POP CORN

#### **Sweet Corn**

SWEET CORN 8 oz. to 100 ft., 10 to 14 lbs. per acre.

POPCORN

6 oz. to 100 ft., 6 to 8 lbs. per acre.

CULTURE-Plant in rich, warm soil, in hills 2 to 3 feet apart, in rows 3 feet apart for early kinds and 4 feet apart for late sorts. Make first sowing about the middle of May and continue fortnightly up to about the middle of July.

PRICE-On all Sweet Corn except Golden Cross Bantam:  $\frac{1}{4}$  lb. 10c;  $\frac{1}{2}$  lb. 20c; 1 lb. 35c; 5 lbs. @ 34c per lb.; 10 lbs. @ 33c per lb.; 25 lbs. @ 32c per lb.; 50 lbs. @ 31c per lb.; 100 lbs. @ 30c per lb. Prices postpaid anywhere in 1st, 2nd and 3rd zones.

★GOLDEN BANTAM. This is the finest and best sweet corn grown. While it is several days later than Early Market and Golden Early Market its delicious flavor and sweetness more than make up for the few days' difference in maturity. As a market corn it has no superior. The cobs are medium sized, the kernels yellow, plump and of a flavor that has no equal. We have yet to find a corn that will quite match it for flavor or uniformity of ears. Eight row.

IMPROVED GOLDEN BANTAM. The kernels are deep rich golden yellow, set close on the cob, nearly all of which are twelve rowed and somewhat larger than regular Golden Bantam. The quality and flavor are unsurpassed. Fine for either home or market. Four days earlier than Golden Bantam.

★GOLDEN EARLY MARKET. This is a new sweet corn introduced in 1925 which has increased steadily in popularity owing to its extreme earliness. It is a cross between Early Market and Golden Bantam and combines the good qualities of both parents. The ears are 14 to 16 rowed and the color a creamy yellow of fine flavor. It is very sweet and tender. A very fine corn either for the home garden or for market market.

In the Puget Sound region Golden Early Market will mature for table use about 10 days earlier than Golden Bantam.

EARLY MARKET. This is undoubtedly the finest extra early white corn on the market. It was originated in the Northwest several years ago. The ear is large, the kernels plump and sweet, and of purest white.

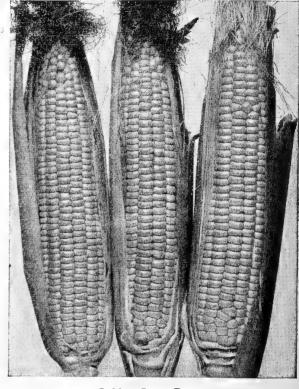
★GOLDEN CROSS BANTAM. A new vaviety which on account of its large ear, being 10 to 14 rowed, is well adapted to home, market or canners' use. The kernels are of medium width and depth and slightly lighter in color than Golden Bantam. The flavor is similar but the yield somewhat heavier and later, as well as maturing more nearly even than other sorts. Four days later than Golden Bantam. Pkg. 10c; ¼ lb. 15c; ½ lb. 25c; 1 lb. 50c; 5 lbs. or over @ 45c per lb.

MARCROSS. (76 days.) Stalks short but sturdy, highly resistant to bacterial wilt. sturdy, highly resistant to bacterial with Ears long, plump, abruptly tapered at tips; 10-14 rowed, with light cream-yellow medium-broad kernels of good quality. Pkt. 10c; 1/4 lb. 15c; 1/2 lb. 25c; 1 lb. 50c.

#### Pop Corn

TOM THUMB. Also called Japanese Hulless. This variety is somewhat earlier

than the White Rice. The kernels are also longer and narrower. Tom Thumb when properly cured will pop the largest percent of kernels of any pop corn.  $\frac{1}{4}$  lb. 10c;  $\frac{1}{2}$  lb. 20c; 1 lb. 35c; 5 lbs. \$1.70.



Golden Cross Bantam

#### CUCUMBERS . . .

#### Plant Tillinghast Cucumbers

1 oz. to 100 ft., 3 to 4 lbs. per acre.

CULTURE-Sow in warm loamy soil, enriched with well rotted manure if possible, when weather becomes settled and warm, usually after May 1st. Thin to 4 or 5 plants to a hill. For pickles sow from the middle of June to middle of July. Water

LONG GREEN IMPROVED. This is undoubtedly the best variety of cucumber for all uses grown. It produces an abundance of fruit and is unsurpassed either for market gardening or for the home garden. Pkg. 10c; oz. 20c; 1/4 lb. 60c.

\*STRAIGHT 8. (All-America Gold Medal Award for 1935.) This outstanding new variety produces smooth cylindrical fruits about eight inches in length and about 1½ inches in diameter. Fruits well rounded at the end and free from objectionable striping or tipping. Equally fine for shipping or for home use. Pkg. 10c; oz. 20c; 14 lb. 60c.

of the best sorts for early table use, as it will mature fruits a little earlier than the Long Green. Fruits usually straight and light green in color. Pkg. 10c; oz. 20c; 16. 60c. IMPROVED WHITE SPINE. This is one

\*LEMON CUCUMBER. A dainty little cucumber resembling a lemon in size and shape. Its flavor, which differs somewhat from other varieties, makes of fine either for slicing or for salads. Pkg. 10c; oz. 20c; /4 lb. 60c.

SMALL GHERKIN (for Pickles). While this is not a true cucumber, it is grown and used in a similar manner. It is very prolific, with pale green spines over the entire surface of the fruits. Pkg. 15c;

BOSTON PICKLING. This is a very productive variety and one of the most popular kinds used for pickling. The fruits are of medium size, very smooth and bright green in color. The flesh is crisp and tender. Pkg. 10c; oz. 20c; 1/4 lb. 60c.

#### CELTUCE . .

#### Celtuce

A new vegetable. The plant begins its growth like lettuce, when the green leaves may be used in salads. Later the seed stalk elongates, becoming 18 inches and 1½ inches in diameter. This stalk is tender, pale translucent green in color, very succulent, with a flavor like that of celery and lettuce deliciously blended. Celtuce grows best under the same conditions of soil, temperature and moisture as lettuce. Sow the seed as early as possible in the spring, covering only lightly in rows 18 inches or more apart. Thin or transplant to stand at least 10 inches apart in the row. Per pkg. 10c; 1 oz. 60c.

#### Chicory

1 oz. to 100 ft., 4 to 5 lbs. per acre.

LARGE ROOTED. The dried roots of chicory are used as a substitute for coffee. Experiments have proven that the leaves are rich in VITAMINS and are very valuable as a poultry food. Also used in salads. Pkg. 10c.

#### Chives

A perennial onion-like plant that is used as a flavoring for salads and soups. It can be easily started from seed and a bed when once started is good for several years before it is necessary to replant. Pkg. 10c Pkg. 10c.

#### Egg Plant

1 oz. to 100 ft., 3 to 4 lbs. per acre.

CULTURE—Sow in mild heat, about the middle of March, and transplant on June 1, setting the plants 2½ feet apart.

BLACK BEAUTY. An early variety with glossy black-purple fruits that keep well. Pkg. 10c; oz. 60c.

#### KOHL RABI

#### Kohl Rabi

1/2 oz. to 100 ft., 4 to 5 lbs. per acre.

CULTURE-The delicious flavor of this turnip shaped bulb combines both Cabbage and Turnip. As early in Spring as possible, sow the seed in light rich soil in rows  $1\frac{1}{2}$  feet apart. When plants are well established, thin to 6 inches apart in the

In growth this is half way between cabbage and turnip; the edible portion is the large bulb which forms on the stem above the soil. By making successive sowings, tender bulbs may be had throughout the summer and fall, and are highly esteemed for their mild, delicate cabbage-like flavor. Pkg. 10c; oz. 50c.

WHITE VIENNA or LARGE WHITE. Bulb large, white and skin smooth. Very fine flavor and an excellent keeper.

#### **Endive**

1 oz. to 100 ft., 4 to 5 lbs. per acre. FULL HEART BATAVIAN. Crispness and tenderness make this endive unexcelled for salads. The broad leaves, twisted and waved, are of bright green with midribs nearly white; the inner leaves form a fairly solid cluster which blanches to deep creamy white. Pkg. 10c; oz. 20c.

#### CRESS or

#### Pepper Grass

UPLAND. Leaves and flavor resemble water cress, but grows in a dry soil on uplands. Pkg. 10c.

### LETTUCE

CULTURE-Sow the seed in hotbeds during February until the middle of March, afterward pricking off into flats or coldframes, leaving about 6 to 8 inches between the plants. As soon as weather becomes suitable, transfer to open ground and set out in rows 1 foot apart, leaving 9 inches between the plants in the rows.

1/2 oz. to 100 ft., 3 lbs. per acre.

\*NEW YORK or LOS ANGELES. This \*NEW YORK or LOS ANGELES. This wonderful variety of lettuce is undoubtedly one of the finest, both for the market and for the home garden. It forms a large, tight, crisp head that is very popular with the market gardeners and is much used as a fall and winter lettuce on the markets. The outer leaves are dark green and frilled at the edges, while the inner leaves are very tender and beautifully blanched. Pkg. 10c; oz. 25c; 1/4 lb. 75c. 75c.

HANSON. One of the very best. Large heads, sweet and crisp. If you want your lettuce to head, plant this kind and thin out, or transplant to several inches apart. Pkg. 10c; oz. 25c; 1/4 lb. 75c.

BIG BOSTON. Very large, smooth leaved, solid-heading variety, grown more extensively throughout the east and south than any other. It is congenial to all climates, a good shipper. In flavor it probably excels other smooth-leaved varieties. Pkg. 10c; oz. 25c; 1/4 lb. 75c.

BLACK SEED SIMPSON. Large early; very nice and desirable; slow to run to seed; tender a long time. Pkg. 10c; oz. 25c; 1/4 lb. 75c.

EARLY PRIZE HEAD BROWN. Large leaves tinged with brownish red: very tender, crisp and sweet, forming a large, loose head. Pkg. 10c; oz. 25c; 1/4 lb. 75c.

GRAND RAPIDS. This is the kind of lettuce that is generally used for growing under glass in winter. Pkg. 10c; oz. 25c; 1/4 lb. 75c.

#### Cos or Romaine Lettuce

WHITE PARIS. This kind of letture is distinguished by its long, narrow, spoon-shaped leaves, folding into loose, sugar-loaf shaped heads which blanch better by having the outer leaves drawn about them and tied. The quality is distinct from that of the Cabbage Lettuces and by many is considered very superior. Pkg. 10c; oz. 25c; 1/4 lb. 75c.

#### Chicken Lettuce

CHICKEN LETTUCE. This is a rough, rank growing variety of lettuce that has no head but produces a large bunch of leaves. For this reason it is an ideal source of green feed for chickens, and should find great favor with poultrymen everywhere. Pkg. 10c; oz. 20c; 1/4 lb. 60c; 1 lb. \$1.80.

#### Leek

1/2 oz. to 100 ft., 4 lbs. per acre.

LARGE AMERICAN FLAG. This vegetable belongs to the onion family and is a good fall and winter substitute for green onions. It is very fine for flavoring soup and other cooking. The leaves are flat and the stems large and bulbous. Pkg. 10c; oz. 75c.

#### Mustard

1/2 oz. to 100 ft., 4 lbs. per acre.

CULTURE-Seed may be sown from early CULTURE—Seed may be sown from early Spring to midsummer in rows 18 inches apart. Thin to 5 or 6 inches apart in the rows. The plants are in condition for use as soon as the leaves are the size of one's hand. Mustard runs to seed quickly, so that successive plantings are necessary for a continuous supply.

GIANT SOUTHERN CURLED. This va-GIANI SOUTHERN CURLED. This variety grows about three feet tall. The broad leaves are cut and frilled. They are boiled and used as greens. Sometimes when the plants are about two inches tall they are cut, washed and used as a sandwich spread. Pkg. 10c; oz. 15c; 1/4 lb. 30c.

#### Okra or Gumbo

1 oz. to 100 ft., 8 to 10 lbs. per acre.

EARLY DWARF GREEN. An early sort which remains in condition for use a long time. Pods long, fluted and dark green. Pkg. 10c; oz. 20c.

#### Kale or Borecole

1 oz. to 100 ft., 4 to 5 lbs. per acre.

CULTURE-The culture is practically the same as that of late Cabbage, but as the plants will withstand several degrees of frost they can grow late into the Fall. Many think Kale best after the first heavy frost.

GREEN CURLED. The plants of this variety are two to four feet in height and bear an abundance of long plume-like leaves. The leaf edges are deeply cut and very curly. Very seldom injured by freezing in Western Washington or Oregon. ing in Western Pkg. 10c; oz. 35c.

DWARF CURLED SCOTCH. A finely curled low growing and hardy variety, well adapted for making greens. This variety is used largely for garnishing, as the leaves are of a beautiful shade of green. This variety is also very hardy. Pkg. 10c; oz. 35c.

THOUSAND HEADED or COW KALE.
Thousand Headed Kale is one of the most
valuable of all winter crops for the dairyvaluable of all winter crops for the dairymen and poultrymen. It is a very hardy plant belonging to the cabbage family, which grows, in many cases, well over four feet in height, while the central stalk produces an abundance of long, broad leaves which are of great value as a green winter feed. Many poultrymen use it almost exclusively as a source of green feed during the winter. Pkg. 10c; oz. 20c; 1/4 lb. 60c; 1 lb. \$1.50.

### MELONS

#### Muskmelons

1 oz. to 100 ft., 3 to 4 lbs. per acre.

CULTURE-In sections where the Summers are short, seed can be planted indoors or in hot beds in small boxes. The young plants can be transferred to the garden when danger of frost is past. If practicable spade in a liberal forkful of well rotted manure at the bottom of each hill. The rows should be at least 6 feet apart and the hills 3 feet apart in the rows. In general, the culture is the same as that for Cucumber.

\*SKAGIT GOLDEN. This is the earliest muskmelon that we have ever seen and muskmelon that we have ever seen and while muskmelons are not always satisfactory in Western Washington we believe that Skagit Golden will give good results here even in spite of the short growing season. If you have a warm early soil you will be delighted with this fine melon. The flesh is medium thick, sweet and juicy and of a rich salmon orange color. Pkg. 10c; oz. 35c.

EMERALD GEM. One of the earliest of all muskmelons and therefore more nearly and musking the short growing seasons of this locality. The skin is smooth and of deep emerald green color. The flesh is thick and of a delicate salmon color. Pkg. 10c; oz. 25c.

#### Watermelons

1 oz. to 100 ft., 3 to 4 lbs. per acre.

CULTURE—Rich rather sandy soils produce the finest crops of Watermelons, but a well-drained loam, especially with a southern exposure, is also suitable. Place 6 to 8 seeds in a circle in each hill, and cover ½ inch deep with a fine soil. One ounce will plant 20 to 25 hills; 3 to 4 pounds per acre.

\*SKAGIT GEM. A brand new water-melon just introduced into this country from Asia that is reported to be about 20 days earlier than any other melon now used. Medium small, oval, flesh pink and of excellent flavor. Our own trials have proven this to be the earliest watermelon for the Puget Sound area we have seen. Pkg. 10c; oz. 35c.

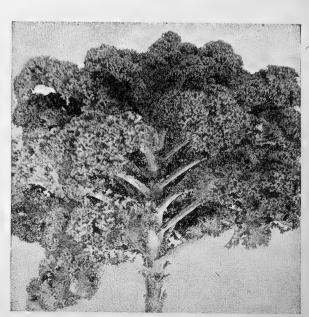
COLE'S EARLY. A fine early variety for the Northwest. Fruits medium-sized, and green striped. Flesh pink and of good flavor. Pkg. 10c; oz. 25c.

CITRON. A type of watermelon used for preserving. While a little late for the Puget Sound area, it will mature some fruits with special care on warm soil. Pkg. 10c; oz. 25c.



Left: New York or Los Angeles





### PEAS Love Cool, Moist Weather

Peas (Early)

 $1\frac{1}{2}$  lbs. to 100 ft., 90 to 180 lbs. per acre. 1½ lbs. to 100 ft., 90 to 180 lbs. per acre. CULTURE—For first crop, round-seeded Peas should be sown in the open ground as soon as it is fit to be worked; wrinkled varieties should be planted 2 to 3 weeks later. Frequent planting for succession, and a careful selection of varieties will give an almost continuous crop of Peas from June until frost. Sow Peas in rows 3 feet apart and 1 to 2 inches deep. Rotted horse manure and wood ashes should be freely used in the preparation of soil for Pea growing. Pea growing.

PRICES — On all Peas, except Skagit Giant: 1/4 lb. 10c; 1/2 lb. 20c; 1 lb. 35c; 5 lbs. @ 34c per lb.; 10 lbs. @ 33c per lb.; 25 lbs. @ 32c per lb. 50 lbs. @ 31c per lb.; 100 lbs. @ 30c per lb.

@ 32c per lb. 50 lbs. @ 31c per lb.; 100 lbs. @ 30c per lb.

ALASKA or FIRST OF ALL. Earliest of all, and best of the hard, smooth, round peas, which can be planted very early, as they are not so liable to rot in the ground as the wrinkled peas. Three feet tall.

LAXTON'S PROGRESS. A market, shipping and home garden variety of great merit. Maturing in about 62 days, it grows a vine 18 to 20 inches high. The pods are dark green and about 4½ inches long. Very sweet and fine flavor.

LAXTONIAN. This new pea is one of the earliest dwarf varieties. It is very hardy and produces abundantly. The pods are dark green and generally about 4 inches long. The peas are usually 7 to 10 inches in number and of large size and very delicious flavor. 20 inches.

★SKAGIT GIANT. This splendid new early pea is among the finest of the giant podded sorts developed in recent years. The vines are dark green and heavy, growing from 24 to 30 inches in height. The pods are 4½ to 5 inches long, dark green and borne in abundance. About 2 days later than Laxtonian. Pkg. 10c; 1/4 lb. 15c; 1/2 lb. 25c; 1 lb. 45c.

GRADUS. This variety combines the finest quality with extreme earliness and is also well known for its productiveness. It is very hardy and may be planted fully as early as any other sort. The vines, which are very vigorous and healthy, produce an abundance of pods that rival the pods of the Telephone in size. The peas are large, tender and very delicious in taste. Height, 36 to 40 inches.

AMERICAN WONDER. Earliest of the dwarfed wrinkled peas. Does not need bushing. Large peas and pods and pro-lific; quality extra good. Do not plant it while the ground is cold and wet. 12 to

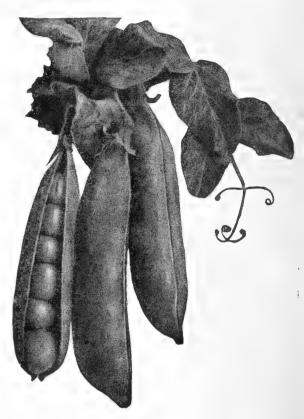
#### Peas (Late)

Prices at Top of Page.

**★TALL TELEPHONE** (Alderman Strain). The finest main crop pea for the home or market gardener. The vines which are four or five feet tall, bear an abundance of extra long pods filled with large sugary peas of fine flavor.

IMPROVED STRATEGEM. A sweet wrinkled variety from England; vines of vigorous growth, healthy and stocky; about two feet high, producing a heavy crop of beautiful, large long pods, well filled with large peas of good quality; very valuable and reliable. Height, 28 to 30 inches 30 inches.

\*DWARF TELEPHONE. Half dwarf with vigorous vines, producing an abundance of very large pods, filled with immense peas, which are tender and sweet and of excellent flavor. MELTING SUGAR or EDIBLE POD. This variety is grown chiefly for its large, flat brittle pods rather than the peas. These sweet and are cut or broken and cooked similar to string beans. It is a delicious vegetable.



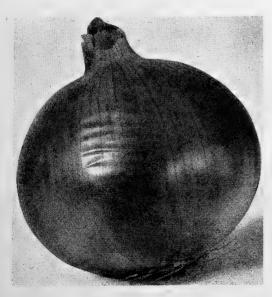
### **ONION SEEDS and SETS**

#### ONION SEEDS

 $\frac{1}{2}$  oz. to 100 ft., 3 to 4 lbs. per acre.

CULTURE-As early as soil can be worked in Spring, sow the seeds thinly in drills 1 foot apart, and cover lightly, later thin-ning out to about 6 inches apart in the row. The soil must be well fertilized and be made very friable. In hot weather, water frequently.

YELLOW GLOBE DANVERS. A great favorite. Round, large; yields heavy; early to ripen and a good keeper; best kind for Puget Sound. All onion growers like it. Pkg. 10c; oz. 60c; 1/4 lb. \$2.00; 1 lb. \$7.50.



Onion, Sweet Spanish

★SWEET SPANISH. This fine new onion is a very large, globe shaped, yellow onion. In flavor it is very mild and sweet and it has good, firm meat of tender texture. It is one of the best for the home garden, and also for the early market. Planted at the proper time, and well cured it is a good keeper, and will ship as well as any other onion. Pkg. 10c; oz. 60c;  $\frac{1}{4}$  lb. \$2.00; 1 lb. \$7.50.

★CRYSTAL WAX BERMUDA. An early pure white onion. Much in demand on account of its mild sweet flavor. Fine as green table onion or for cooking in the fall. Not a very good keeper for winter use. Pkg. 10c; oz. 60c; 1/4 lb. \$2.00; 1 lb.

SOUTHPORT RED GLOBE. This variety of red onion has proven so superior to all other red onions in recent years that we have omitted Red Wethersfield and Early Red from our list. Globe shape, flesh mild, fine grained, tender and of excellent flavor. Pkg. 10c; oz. 60c; 1/4 lb. \$2.00; 1 lb. \$7.50.

WHITE BUNCHING. A variety of onion that is grown exclusively as a pulling onion or "Scallion." Generally pulled when not much larger than a lead pencil when they will be found extremely mild and sweet. Pkg. 10c; oz. 60c; 1/4 lb. \$2.00.

WHITE QUEEN. This is the best onion for small pickles. It is one of the earliest onions grown. The bulbs average 1½ inches in diameter and are pure white and very mild in flavor. They are also unsurpassed for very early table use. Pkg. 10c; oz. 60c; ¼ lb. \$2.00.

#### SETS

YELLOW BOTTOM SETS. These are small onions about ½ inch in diameter that are produced by thick planting. They will produce green onions for table or market use in a very short time. In the Northwest, sets may be planted as early as weather and soil conditions will permit. We have an exceptionally fine lot of sets this year and hope to fill all orders as long as they come in.

PRICE POSTPAID — 1 lb. 35c; 5 lbs. or over 34c per lb.; 10 lbs. or over 33c per lb.

SHALLOTS. This variety is also known

SHALLOTS. This variety is also known as Multiplier and is a splendid keeper. They are very hardy and make fine early green onions. Each bulb will produce a cluster of three to five green onions. Price, ½ 1b. 20c; 1 lb. 40c.

GARLIC BULBS. This is the most pungent member of the onion family. It is much prized for flavoring soups, etc. We offer local grown bulbs, or "cloves," as they are called. Each little "clove" should be planted separate about 6 inches apart in the row. Price, postpaid, 1/2 lb. 25c; 1 lb. 45c.

#### Farm Journal

We are local representatives for the FARM JOURNAL on which we offer a special price of TWELVE months for 25c. This magazine is published in the interests of the farmer, gardener, and home owner, and contains timely articles on many subjects. Farming, gardening, new crops, cooking, fashions, movies of the month, and many other subjects are discussed in simple every-day language. Merely enclose the coupon which we supply for your use and send it with 25c in an envelope and mail it direct to FARM JOURNAL, Philadelphia, Pa.

FARM JOURNAL, Philadelphia, Pa.

Be sure that the correct address is filled in on the coupon so that you will receive your magazine promptly and correctly ad-dressed to you.

#### Parsley

1/2 oz. to 100 ft., 3 to 4 lbs. per acre. CULTURE—Parsley seed is even slower culture—Parsiey seed is even slower than parsnip in germinating. It grows best in rich mellow soil and should be sown as early as possible in spring in rows 1 to 2 feet apart with a covering of not more than ½ inch of soil firmly pressed down. When the plants are well up, thin them 8 to 12 inches apart.

CHAMPION MOSS CURLED. The most beautiful kind for garnishing or flavoring. Can be cut fresh from the garden all winter. Pkg. 10c; oz. 20c; 1/4 lb. 60c.

HAMBURG or TURNIP ROOTED. The root of this variety is the edible portion and resembles a small turnip. It is extensively used for flavoring soup, stews, etc. Pkg. 10c; oz. 20c; 1/4 lb. 60c.

#### **Peppers**

 $\frac{1}{4}$  oz. to 100 ft., 1 to 2 lbs. per acre.

CULTURE — Soil and temperature requirements are about the same as for Eggplant. A moderate dressing of Guano, poultry manure, or complete commercial fertilizer, hoed into the soil after the plants are 6 to 8 inches tall, will be very beneficial.

★HARRIS' EARLY GIANT. This is the largest and best of the early sorts. It is the best adapted for use in the Northwest that we know about. Seven to ten fine large fruits are usually produced on each plant. Best for home use. Pkg. 10c; oz. 60c.

plant. Best for home use. Pkg. 10c; oz. 60c. LARGE BELL or BULL NOSE. This is the earliest pepper of the "bell" type. The fruits are larger and a little later than the Harris' Early. The fruits are also more pungent and produced in greater abundance. Pkg. 10c; oz. 60c. PIMENTO. This is a very mild, sweet variety of Pepper that is in great demand for salad making. It is easily canned for home use. The seed should be planted in a hotbed and the plants set out after the ground is warm. Pkg. 10c; oz. 60c.

#### **Parsnips**

1 oz. to 100 ft., 3 to 4 lbs. per acre.

CULTURE—Sow the seed as soon as season will permit, in drills about 2 feet apart, and thin plants out to 1 foot apart in the row. The ground should be deeply trenched and well manured.

LONG WHITE. Large, smooth, sweet, the standard kind; grown from especially selected smooth roots. Pkg. 10c; oz. 25c; 1/4 lb. 75c; 1 lb. \$2.00.

Pumpkins
4 oz. to 100 ft., 3 to 4 lbs. per acre.

CULTURE—Pumpkins are typically American, and Pumpkin pie is one of our truly American dishes. They are less sensitive to unfavorable conditions of soil and weather than Melons or Cucumbers, but they are cultivated in about the same way.

they are cultivated in about the same way.

\*SWEET or SUGAR. A small, fine grained pumpkin that is unexcelled for cooking or pies. It is very early and prolific. A good market sort. Pkg. 10c; oz. 20c; ½ lb. 60c; 1 lb. \$1.80.

WINTER LUXURY. A good keeper and a very good pie pumpkin. It is round, the skin is netted and russet yellow. Flesh is deep yellow and thick. Somewhat larger than the Sweet or Sugar Pumpkin. Pkg. 10c; oz. 20c; ½ lb. 60c; 1 lb. \$1.80.

KING OF MAMMOTHS. This is the largest pumpkin grown. The skin is rich dark yellow, the flesh lighter shade and of excellent quality, good flavor and suitable for pies. Pkg. 10c; oz. 20c; ¼ lb. 60c; 1 lb. \$1.80.

#### Plant on HERB GARDEN

All Packets 10c.

ANISE. Hardy annual. CARAWAY. Hardy perennial. CATNIP. Hardy annual. DILL. Annual Aromatic. Oz. 25c. LAVENDER. Fragrant perennial. SAGE. Large leaved, for flavoring. THYME. Medicinal perennial.

#### Plant your RADISHES Early

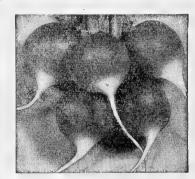
1 oz. to 100 ft., 10 to 12 lbs. per acre.

CULTURE—For an early crop, sow in hotbed in January, February and March. As soon as ground is fit to be worked, sow seed in the open, in rows 1 foot apart.

PRICES ON ALL RADISHES:

Pkg. 10c; oz. 20c; 1/4 lb. 50c; 1 lb. \$1.50.

\*EARLY SCARLET GLOBE. This is one of the best radishes on the market both for the home garden and for the market. It is oval in shape and a bright rich scarlet in color, the flesh is crisp, tender, juicy and mild. The foliage is very small compared with the size of the radish.



Radish, Scarlet Turnip, White Top

#### SCARLET TURNIP, WHITE TIPPED or

ROSY GEM. One of the most popular and attractive short varieties. Globe shaped, bright red carmine, with bottom and tip clear white. Valuable for forcing as well as for the home garden and market.

FRENCH BREAKFAST. Small, oval form, quick growing, mild and tender. Color scarlet, tipped with white; best kind for hotbeds or for earlier use in open ground in the garden. Get a good supply of radish seeds and sow every two weeks through the eagen. through the season.

CRIMSON GIANT. An exceptionally fine radish either for the family garden or for forcing. It grows nearly twice as large as any of the other round radishes before becoming pithy. The flesh is mild and of excellent flavor.

\*WHITE ICICLE. This radish is also called the Long White. This is the finest of the long white radishes. It is very juicy, crisp and tender.

LONG BRIGHT SCARLET. A beautiful new radish. It grows very quickly and is as good as it is pretty.

CHINESE WHITE WINTER or CELESTIAL. Popular and well known winter variety. The half stump-roots are clear white and the flesh is the most crystalline of all winter varieties. The flavor is much more delicate than the ordinary summer varieties. The roots may be used all winter as they keep in fine condition. Makes a palatable dish when cooked and served like turnins. like turnips.

CHINA ROSE WINTER. Best for winter use. Long, solid and tender.

#### **Protect Radishes**

Use NAPTHALENE or MAGOTITE About Once a Week.

#### Rutabagas

1 oz. to 100 ft., 2 to 4 lbs. per acre.

CULTURE—The culture is the same as for common Turnip, but if anything, less exacting in care.

\*AMERICAN YELLOW. This is the best rutabaga for table use. The flesh is very firm. As a yielder the American Yellow is surpassed only by the Skirving's. Pkg. 10c; oz. 20c; 1/4 lb. 60c.

WHITE FRENCH. A large, white market variety; sweet, smooth and solid. Good winter keeper. Pkg. 10c; oz. 20c; 1/4 lb. 60c.

#### Rhubarb

1 oz. to 100 ft., 3 lbs. per acre.

VICTORIA. Is very large, standard kind; seeds sown this year will yield stalks next year. Pkg. 10c; oz. 15c; 1/4 lb. 35c; 1 lb. \$1.00. See page 26 for plants.

#### Salsify

 $1\frac{1}{2}$  oz. to 100 ft., 7 to 8 lbs. per acre.

CULTURE — Salsify succeeds best in a light, well enriched soil which should be stirred to a good depth. Coarse and fresh manure should be avoided, as it will cause the roots to become irregular and branched. Sow early and quite deep, giving the general culture recommended for Parsnip.

WHITE FRENCH. A white carrot-shaped root that makes delicious soup, resembling oysters in flavor; easy to grow; good all winter and late in spring; can be left in the ground all winter. Try it. Pkg. 10c; oz. 35c; 1/4 lb. \$1.00.

#### Spinach

 $1\frac{1}{2}$  oz. to 100 ft., 10 to 20 lbs. per acre.

CULTURE—Sow in rows 16 to 20 inches apart and thin to 6 inches apart in the row when leaves are an inch wide. In the North, seed can be planted as soon as the ground can be prepared. In the South, Spinach will Winter over with little or no protection.

PRICES on all varieties except New Zealand: Pkg. 10c; oz. 20c; 1/4 lb. 50c; 1 lb. \$1.50.

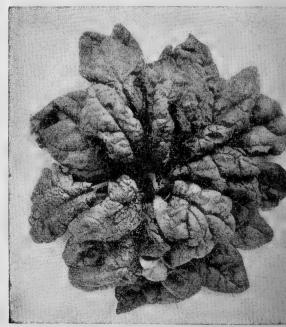
\*KING OF DENMARK. This new spinach is undoubtedly the finest variety introduced in recent years. The leaves resemble Long Standing, but are more crumpled and dark green. This variety generally stays in good condition a week or two longer than any other kind.

IMPROVED THICK LEAVED. This variety grows very rapidly and forms a cluster of large slightly crumpled leaves of deep green color. Quality very excellent.

BLOOMSDALE SAVOY. Leaves thick, heavy and much savoyed or crumpled. Quality fine and yield is very good.

PRICKLY WINTER. This is one of the best of the market varieties owing to its extreme hardiness. It bears many large, smooth, arrow-pointed leaves. As a win-ter or very early spring variety it is un-surpassed.

NEW ZEALAND. A very productive variety that will stand repeated cuttings during the hot, dry weather of summer. It grows well on land that is too poor to grow common spinach. The seed of this variety is large and very hard and should be soaked in water for several hours before planting. Pkg. 10c; oz. 25c.

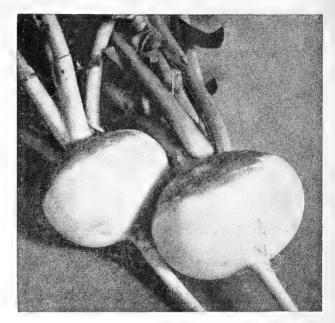


Spinach, King of Denmark



Left: Squash. Delicious

Right: Turnip Purple Top, White Globe



#### Squash

Vining, 1 oz. to 100 ft., 4 lbs. per acre. Bush, 1 oz. to 100 ft., 4 to 6 lbs. per acre.

CULTURE—Seeds should be planted about the middle of May, in hills 4 feet apart for bush varieties, and 10 feet apart for the running sorts. Put 12 to 15 seeds in each hill; afterward thin out, leaving 3 or 4 of the best plants.

PRICES on all Squash—Pkg. 10c; oz. 20c; 1/4 lb. 60c; 1 lb. \$1.80.

★GOLDEN DELICIOUS. A golden skinned form of the regular Delicious that is equally fine in flavor, being fine either for baking or pies. Flesh and skin are rich golden orange with no trace of green. Flesh is very thick, fine grained and sweet. Skin is thin and the keeping qualities are excellent. An ideal canning sort as well as a heavy cropper.

\*DELICIOUS. A fine green winter squash somewhat smaller than the Hubbard. Heart-shaped with thin rind and thick flesh of delicious flavor.

VEGETABLE SPAGHETTI. This new squash is a recent introduction that should be tried by those who like squash. It is about 10 inches long and 5 inches wide, and entirely different from any other squash. Skin is white and thin. They are cooked whole for 20 minutes in boiling water. When served the cooked squash resembles spaghetti, and when seasoned is delicious. A good keeper seasoned is delicious. A good keeper.

★GREEN HUBBARD. This is the best known of all Hubbards. The skin is dark green and rough. The flesh is thick orange colored and very excellent in quality. For many years it has been one of the standard market sorts and probably will remain one of the biggest sellers of any squash.

MARBLEHEAD. This is one of the best of the commercial sorts. It resembles the Green Hubbard somewhat in size and shape. The color is a bluish-gray and the flesh bright creamy yellow; fine grained,

dry, sweet, and of a delightful flavor. An excellent keeper for winter use.

**BANANA.** A smooth grayish - green squash about 2 feet in length. The quality and flavor are good. As a keeper it has few superiors.

few superiors.

\*GOLDEN TABLE QUEEN. A golden strain developed from Table Queen, but with a little thicker meat, and excellent quality for the table when baked. May also be used as a summer squash when the fruits are 2½ to 3 inches long.

\*TABLE QUEEN. Also called Acorn. A small squash about 7 inches in length. it matures early and keeps well. The quality is fine. Excellent for baking.

matures early and keeps well. The quality is fine. Excellent for baking.

EARLY WHITE BUSH. The earliest summer squash. Very pretty, scalloped and very productive.

LARGE SUMMER CROOKNECK. An ex-

cellent kind for family use or for market. Fine buttery flavor, prolific and large.

ITALIAN VEGETABLE MARROW. This is one of the earliest of all summer squashes. It may be eaten when only 6 to 8 inches long, but is good much larger. The young fruits are delicious fried as well as cooked in other ways.

#### Sunflower

MAMMOTH RUSSIAN. Sunflower was at one time raised extensively for poultry food and while still used to some extent it finds its main use as a stock food. Many dairymen find it excellent for silos either alone or mixed with field corn. Oz. 5c; 1/4 lb. 10c; 1 lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.50.

#### Tobacco

riety is hardy and best suited for this latitude. Excellent for smoking, also for making liquid spray for killing insects. Pkg. 10c; 1/4 oz. 20c; oz. 60c.

#### Turnips

1 oz. to 100 ft., 2 to 3 lbs. per acre.

CULTURE—For main crop, sow in open ground from May to July; for Winter use, during July and August. Set out in rows 1½ feet apart, allowing a space of 6 inches between the plants.

PRICE-Pkg. 10c; oz. 20c; 1/4 lb. 50c.

\*EXTRA EARLY MILAN. Earliest of turnips. Quite flat, small leaves and small tap-root, with bulb 3 or 4 inches in diameter; bright red and purple above ground and clean white below, making it very attractive in the market.

PURPLE TOP STRAP LEAF. The old standard flat fall turnip.

\*PURPLE TOP WHITE GLOBE. A valuable sort for either table use or stock feeding. Roots globe-shaped, white and purple top; flesh white; firm and tender.

YELLOW ABERDEEN. Very hardy and productive; a good keeper; globe-shaped and a very fine quality turnip.

WHITE EGG. Large, early sweet, good, smooth, egg-shaped.

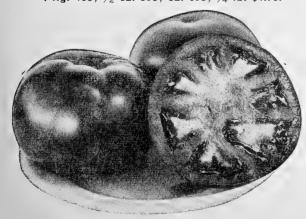
COW HORN. Also called Long White. The root of this variety grows 12 to 16 inches long and about 3 inches thick at the shoulder. The flesh is mild and sweet and is suitable either for table or stock.

LONG YELLOW BORTFELD. A large heavy yielding stock turnip with a thick maggot resisting skin. A good keeper that is as hardy as rutabaga. Needs no LONG YELLOW BORTFELD. trimming.

GOLDEN BALL. The best yellow sort for market or family use. Medium sized round and smooth. Skin and flesh yellow. Good winter keeper.

### TOMATOES—Early Varieties for the Northwest

JOHN BAER. An extra early variety of great merit. Fruits nearly round, firm, smooth and fine quality. It is unsurpassed either for home garden or for market. Pkg. 10c; ½ oz. 35c; oz. 65c; ¼ lb. \$1.75.



EARLY CHATHAM. A very early small vine variety bred especially for our Northwest climate. The vine is small and open. The fruit is of medium size, red, smooth and prolific. This is the earliest tomato we have ever grown. Sold in packets only. Price, 15c each.

STOKESDALE. This is an outstanding variety. It matures along with Bonny Best, and is well adapted to our Northwest climate. The fruit is medium large, smooth, almost globe-shaped, with solid flesh of fine flavor. Color is bright scarlet throughout. Vines are spreading and open, but with sufficient coverage to protect the but with sufficient coverage to protect the fruit. They are very productive. Pkg. 10c; ½ oz. 35c; oz. 65c.

%2 oz. 35c; oz. 65c.

★BREAK O' DAY. This is the finest tomato we have ever raised and among the
earliest. The fruits are large, smooth and
firm. The quality is excellent, flesh thick
and meaty. Vines are open which permits
ripening of the fruits. Pkg. 10c; ½ oz. 35c;
oz. 65c; ¼ lb. \$1.75.

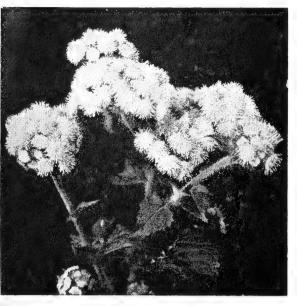
EARLIANA. An early and very polific medium-sized bright scarlet tomato of great solidity and fine flavor. Vines vigorous and hardy, vielding and ripering well for use. Pkg. 10c; 1/2 oz. 35c; oz. 65c; 1/4 lb \$1.75 1/4 lb. \$1.75.

BONNY BEST. This splendid variety of tomato ripens with Earliana. Vines strong and vigorous. Flesh is deep scarlet in color and firm and of good flavor. Pkg. 10c; ½ oz. 35c; oz. 65c; ¼ lb. \$1.75.

RED PEAR. Used for preserves and to make "tomato figs". Fruits bright red, distinctly pear-shaped and of excellent flavor. Our stock is the true small pear-shaped. Pkg. 10c; 1/2 oz. 35c; oz. 65c.

YELLOW PLUM. Small, plum-shaped, early, very prolific. Most excellent for sweet preserves. Pkg. 10c; oz. 70c.

YELLOW HUSK or GROUND CHERRY. A small-fruited variety used almost exclusively for preserves. Pkg. 10c.



Ageratum

ACROCLINIUM. This hardy annual, the most hardy of the so-called everlasting flowers, produces an abundance of white and rose-colored flowers during the months of August and September. Pkt. 10c.

AGERATUM. One of the best bedding annuals owing to its prolific flowering which extends over a long period. The blooms are deep blue and are not injured by rain. The color does not fade. Fine either for the garden or for cutting. Pkt. 10c.

★SWEET ALYSSUM. This is one of the sweetest of the annuals. It is very hardy and produces a succession of white flowers till it is killed by frost. Alyssum is a great favorite as a border plant. Pkt. 10c.

\*ALYSSUM SAXATILE. A hardy growing perennial which will bloom the first season if the seed is planted indoors early and set outside when conditions permit. The flowers are bright yellow and borne in great profusion, making a "carpet of gold". Pkt. 10c.

AMARANTHUS (Caudatus) Love Lies Bleeding. Brilliant foliaged plants with brilliant contrasts in color, being a blend of red and green. A very rapid growing annual with long drooping crimson flower spikes. Pkt. 10c.

\*ARABIS or ROCK CRESS. A dwarf per ennial which produces a mass of white flowers very early in the spring. It is one of the earliest of all flowers, which makes it especially desirable. Fine for borders, massing or rock gardens. Pkt. 10c.



Sweet Alyssum

### FLOWER SEEDS

ARCTOTIS (Grandis) African Lilac Daisy A very handsome large daisy-like flower. The petals are long and pointed and curve back. It forms much branched bushes about 2 feet tall. The flowers are pearly white and of wonderful texture. The blooming period is very long. Pkt. 10c.

ASTERS. This beautiful annual is so well known that it needs no description here. Our mixture contains many fine sorts and colors, but is not so choice as those on colors, but is no page 4. Pkt. 10c.

\*AUBRETIA (False Wall Cress). Pretty dwarf-growing rock plants forming broad masses of silvery green foliage, covered with many showy flowers. Mixed colors but with shades of lavender predominating. Grows well on any soil. Perennial. (See page 24.) Per pkt. 15c.

BACHELOR BUTTON. This old-time fabachelor Bulton. This old-time favorite is still a very popular flower for cutting purposes. Mixed colors in shades of blue, pink, white and lavender. Also called cornflower. Pkt. 10c.

BABY BREATH. A feathery perennial bearing a profusion of small starlike flowers. It is much used in bouquets with larger flowers. (See page 24.) Pkt. 10c.

BALSAM. Camelia flowered Balsams are an old garden favorite. The flowers are double and of mixed colors. Pkt. 10c.

double and of mixed colors. Pkt. 10c.
BLUE LACE FLOWER. A pretty annual that blooms nearly all summer and fall. The plants are about 18 inches to 3 feet tall and bear an abundance of beautiful flowers. The flowers are lacy. Pkt. 10c.
BUTTERFLY FLOWERS or SCHIZAN-THUS. A dainty annual with finely cut foliage and many colored flowers borne in profusion. It is very hardy and of easy culture. The wide range of colors and dwarf habit makes it very fine for window boxes and border planting. Each 10c.
CALIFORNIA POPPY. A very hardy

CALIFORNIA POPPY. A very hardy perennial bearing a profusion of cupshaped flowers in many new and vivid shades. Will grow in almost any soil and re-seeds itself. Pkt. 10c.

CANDYTUFT. A hardy annual growing about 8 to 10 inches high. Flowers very fragrant. It is very easy to grow and is much used for borders and massing. Mixed colors. Pkt. 10c.

CALENDULA or POT MARIGOLD. One of the best and showiest of the hardy annuals. It does well in almost any soil, producing an abundance of bright flowers until the hardest frosts in late fall. Mixed colors and shades. Pkt. 10c.

CANARY BIRD VINE. A dainty vine with beautiful cut leaves and pretty delicate flowers of a clear canary yellow. It is an excellent climber that does well in partial shade. The flowers bear a fanciful resemblance to birds with wings extended. Crop failure.

CALLIOPSIS. One of the easiest and showiest of annuals. The flowers are of the daisy type and are produced in a pleasing variety of color markings. Fine either for flower or for cutting. Pkt. 10c.

CARNATIONS. Carnations do not produce flowers the first year unless started very early indoors or in a hotbed. Our mixture contains both the double and single varieties, and has all shades and colors. (See page 23.) Per pkt. 15c.

CLARKIA. A showy annual about 2 ft. tall that blooms from July until frost. They resemble sprays of double flowering almond in various shades and colors. The seed germinates quickly and does well even on light sandy soil.

Choice mixed: Pkt. 10c; 1/4 oz. 40c.

CELOSIA. This annual is also known as Cockscomb, and is a mixture of the plume and the cockscomb type of blooms. A wonderful mixture of shades and colors. Will transplant easily, and is suitable for pot culture or for bedding. Pkt. 10c.

CHRYSANTHEMUMS. Annual. This flower is also called Painted Daisy because of the bright colors of its daisy-like flowers. The plants are about 3 feet tall and cov-ered with a mass of bloom in nearly every shade and color. It is very fine for cut-ting. Pkt. 10c.

COLUMBINE or AQUILEGIA. One of the most beautiful and satisfactory of the perennials. The plant grows about 3 feet tall and produces many long spurred flowers in a wide range of shades and colors. Except plat 10c Exceptionally bequets. Pkt. 10c.

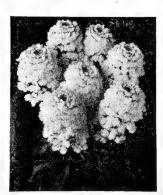
coreopsis. One of the hardiest and easiest grown of all summer blooming perennials. Plants 2 feet tall. Adapted to bedding or massing effects. Pkt. 10c.

CANTERBURY BELLS. There are few flowers in the garden as hardy or as easily grown as the Campanulas. They will grow in almost any garden soil and when once started they will usually reseed themselves. Our seed contains many colors, of two varieties. two varieties.

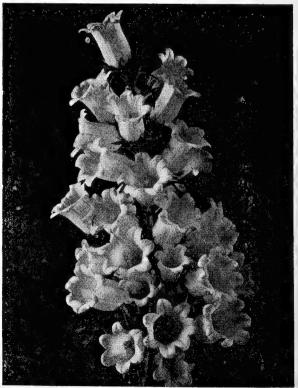
Canterbury Bells. Single mixed. Pkt. 10c. Cup & Saucer. Calycanthema. Pkt. 10c.



Blue Lace Flower



Candytuft



Canterbury Bells

COSMOS. A hardy annual growing from 4 to 6 feet tall. The flowers, which resemble single dahlias in shape, are borne profusely on long stems. Pkt. 10c.

EVENING SCENTED STOCKS. An old-fashioned annual that is grown for its fragrance rather than its beauty. The flower is purplish lilac and gives off an entrancing odor during the early evening. Pkt. 10c.

FORGET-ME-NOT. Very popular, beautiful biennial. Hardy enough to remain in open ground over winter. Blue. Pkt. 10c.

FOXGLOVE. This is one of the hardiest of all perennials. The flowers are tubular in shape and are borne on long spikes 4 to 6 feet in height. Foxgloves will do well either in partial shade or bright sun, and on most any kind of soil.

PRICES, mixed colors. Pkt. 10c; 1/4 oz. 20c.

GAILLARDIA. Also called Blanket Flower. A hardy perennial which will bloom the first year from seed if planted early. The plants are about 18 inches tall and will bloom over a long season. Flowers are scarlet and yellow blended. Fine for cutting. Pkt. 10c.

GODETIA (Satinflower). This attractive and showy annual thrives in rather poor soil and will stand some shade. Flowers are borne profusely and are of rich satiny texture. Mixed colors. Pkt. 10c.

GOURDS. Ornamental gourds. Large and small mixed. Interesting fruits produced on vines in same manner as cucumbers.

HELICHRYSUM (Straw Flower). This is one of the best of the everlasting. The effective double flowers in rich glistening colors make a wonderful display either in the garden or for winter bouquets. Pkt. 10c.

HELIOTROPE. A half hardy perennial that should be treated as an annual in this climate. It will bloom in the open garden the first year but does best if sown indoors or in hotbeds and transplanted to the open when the weather is warmer. The flowers are very fragrant. Each 15c.

HOLLYHOCKS. This is the old favorite found in nearly all flower gardens. It is a very hardy perennial and as it grows very tall is finely adapted for rows along high fences or beside buildings. (For seed and plants in separate colors see page 24.) Pkt. 10c.

KOCHIA or SUMMER CYPRESS. This beautiful annual, sometimes called Burning Bush, forms a globe-shaped bush about 2 feet to 2½ feet in height, which resembles a cypress tree. In summer, the color is light green, but in the fall it turns carmine to blood-red, when the frosts come. Flowers are inconspicuous. Pkt. 10c.

LARKSPUR. A hardy garden annual. Long a favorite. Flowers are various shades of red, blue, white, etc. Will grow on almost any variety of soil. (See page 5.) Pkt. 10c.

\*LINARIA. A dainty easily grown annual bearing small spikes, like a miniature snapdragon, of brilliant colors, including yellow, crimson, pink, purple, etc. Plants about 12 inches tall. Fine for borders or rockery. Pkt. 10c.

LINUM (Scarlet Flax). A very effective and showy hardy annual bedding plant. Long blooming period. Brilliant scarlet flowers on delicate stems about 1 foot high. Pkt. 10c.

★LOBELIA, DWARF. Plants small and compact and very hardy, bearing a profusion or brilliant blue flowers. A great favorite not only for borders but for window and porch boxes as well. Each 10c.

\*LOBELIA, TRAILING. A beautiful plant for window boxes and hanging baskets. The flowers are similar to the compact Lobelia but the plants are loose and trailing. Each 10c.

LUPINS. This is a hardy free blooming annual that has been coming into popularity recently. It makes a very rapid growth and bears a profusion of long, graceful spikes covered with many pealike flowers in many colors. Very satisfactory for massing or in shrubberies. Pkt. 10c.

MIGNONETTE. Another old-fashioned favorite flower. No garden complete without it. Large spikes, very fragrant. Pkt. 10c.

MIMULUS (Monkey Flower). Fine, showy, free-flowering plants suitable for porch or window boxes, succeeding well in shady positions. While they are half-hardy perennials they bloom well when planted early. The blooms are brilliantly colored and blotched. Each 15c.

MORNING GLORY. A well - known climbing annual of rapid growth and profusion of blooms. An old-time favorite. (See page 5.) Pkt. 10c.

MARIGOLD, FRENCH. Our mixture of this fine annual contains a wide range of colors and markings in both the double and single flowers. These are more dwarf than the African but the wide variation of the flowers make them very attractive. Pkt. 10c.



Larkspur

MARIGOLD, AFRICAN DOUBLE. A fine hardy annual of vigorous growth about 3 feet tall. It is covered during its blooming season with many globe-shaped orange and lemon-colored blossoms. Pkt. 10c.

NASTURTION, DWARF. Half hardy annual. Blossoms very profusely all the season. Many brilliant colors, mixed. Needs no trellis. Pkt. 5c; oz. 15c; 1/4 lb. 40c.

NASTURTIUM, TALL. Beautiful annual climber for trellises and arbors; of easy culture; gorgeous colored flowers until killed by hard frosts. Pkt. 5c; oz. 15c; 1/4 lb. 40c.

NIGELLA (Love-in-a-Mist). Pretty garden annuals with feathery foliage in which large double charming blue and white flowers are set. Pkt. 10c.

ORIENTAL POPPIES. One of the finest and hardiest of all perennials. The flowers are large and showy, the petals satiny. The plants require but little care and will grow in very poor soil, but respond to good soils and fertilizers. Pkt. 10c.

PETUNIA. Mixed colors. Profusely blooming; hardy. In bloom till frost comes. Easy to grow anywhere. (See page 6.) Ea. 10c.



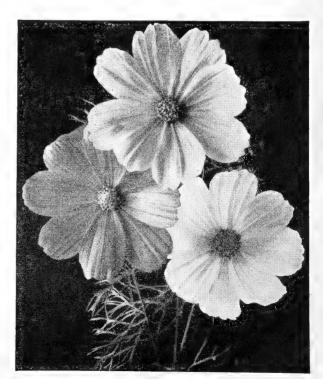
Gaillardia



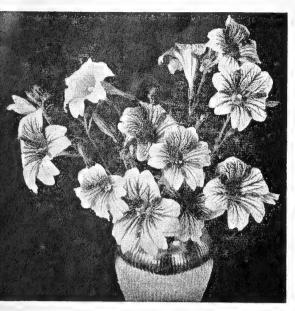
Morning Glory



Petunia



Cosmos



Salpiglossis

★PHACELIA. This is sometimes called California Blue Bells. The flower is somewhat like the single Canterbury Bell, of beautiful cup-shaped formation, and a lovely gentian blue. Plants about 1 foothigh and literally covered with lovely flowers throughout the summer. Very easily grown but does not transplant easily. Pkt. 10c.

PHLOX DRUMMONDI. A beautiful showy annual. All colors; mixed, very brilliant. Each 10c.

★PINKS, DOUBLE CHINESE. No flower garden is complete without a few clumps of this delightful annual. The flowers have a pleasing range of colors and a spicy fragrance that always makes them a favorite. Pkt. 10c.

\*PORTULACA. Sometimes called Moss Rose. It is one of the most beautiful of the dwarf bedding plants. The cup-shaped flowers are about an inch in diameter and various shades of pink, red, yellow and white. The fleshy stems grow almost flat on the ground. Single Portulaca, pkt. 10c; Double Portulaca, pkt. 10c.

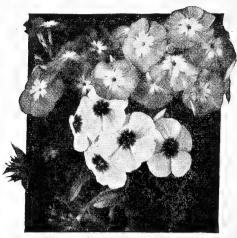
★PUMILA or BORDER MARIGOLD. This is a miniature Marigold, with finely cut foliage, growing about 1 foot high and being completely covered with a profusion of bright orange flowers. It blooms over a long period. Each 10c.

RICINUS. Also called Castor Oil Plant. A tall growing plant planted for its large colored leaves which give it a tropical appearance. Fine as a hedge or to cover unsightly places. Pkt. 10c.

SALPIGLOSSIS. Also called Painted Tongue. Few flowers contribute such a wealth of bloom from summer until cut down by frost. 2½ feet. The flowers are funnel-shaped, facing upward, and reveal exquisite and infinitely wrought veinings of either gold or silver, running throughout the groundwork of the flowers, the whole shapely flower having an orchidlike appearance. Mixed. All colors from rose and scarlet to purple. Pkt. 10c.

SCABIOSA. These beautiful hardy annuals are in great demand. They grow about 2½ feet tall and bloom from early summer until frost. As a flower for cutting they are very popular. The flowers compare favorably with the finest hothouse carnations both in size and shape. Scabiosas display many bright and charming colors. (See page 4). Pkt. 10c.

STATICE. A fine annual that can be used either as a cut flower or dried as an everlasting and used for bouquets in the winter. For this purpose it is especially desirable as the dried blossoms retain their color exceptionally well. Our mixture contains shades of rose, pink, blue, and white.



Annual Phlox

SCARLET RUNNER BEAN. A pole or running bean that because of its showy scarlet flowers is much used for ornamental purposes. It is a rapid grower and makes a handsome covering for trellises. The beans are of excellent quality and are fine as shell beans. Pkt. 10c.

SHIRLEY POPPIES. The Shirley Poppy is the most beautiful type of poppy grown. The foliage has a soft hairy covering and the petals are immense and have a beautiful satin-like texture. The flowers are of many colors, there being white, pink, lavender, purple and various shades of red and scarlet. Mixed colors. Pkt. 10c; 1/4 oz. 25c.

SHIRLEY POPPY — Double Sweet Briar. This double begonia-flowered poppy of brilliant cerise rose is one of the best of the new colors. Price: Per pkt. 10c; 1/4 oz. 25c; 1/2 oz. 45c.

STOCKS. Large flowered ten weeks stocks are among the finest hardy annuals we have, either for garden or pot culture. The flowers are borne in dense spikes in a great range of colors and are very fragrant. Each 10c.

SUNFLOWER (Helianthus). This variety of sunflower resembles a large Gaillardia. The flowers are in various shades of yellow and orange. Free bloomer. Fine for bouquets or growing among shrubbery. Pkt. 10c.

SWEET WILLIAM. A very fine perennial for either cut flowers or for borders. It grows about 18 inches tall in good soil and will produce a wonderful display of fragrant blossoms. One of the finest and showiest of the hardy perennials. Pkt. 10c.

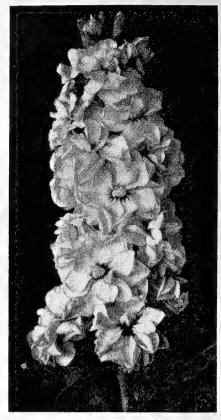
SWEET SULTANS. This flower is a wonderful improvement over the old well-known Bachelor Button which belongs to the same family. It is a hardy annual that produces many fine flowers in a pleasing array of colors. Pkt. 10c.

SWAN RIVER DAISY (Brachycome). A lovely free flowering annual of compact habit growing about 12 inches high. The plants are covered with a profusion of blue or white daisy-like blossoms. Splendid for edging small beds, rock gardens or for pot plants. Pkt. 10c.

VERBENA. A hardy annual of easy culture. Soaking the seed in water before planting will hasten the germination. Can be used either for bedding or border plants. Pkt. 10c.

\*VIRGINIA STOCKS. A charming little bedding or border annual in bright shades of red rose and white. Blooms early and for a long period. Pkt. 10c.

WALLFLOWER. Single mixed colors. Hardy perennial, fragrant. Blooms profusely early in spring next year after planting and continue to bloom for several years. Pkt. 10c.



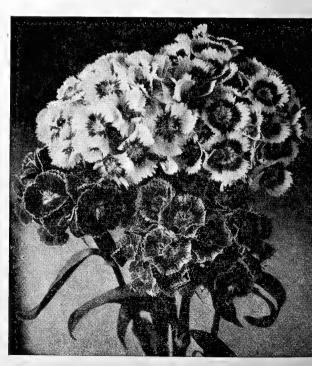
Stocks, Ten Weeks

ZINNIA. This is one of the finest of the bedding annuals and produces an abundance of large, double flowers of a type well adapted either for flower beds or bouquets. Zinnias have a splendid assortment of shades and colors, which with their hardiness make them a very popular flower. For extra fine strains of Dahlia Flowered Zinnias, see page 7. Pkt. 10c.

#### Flower Seed Mixtures

FLOWERGARDEN MIXTURE. This mixture contains a fine collection of many varieties of annual and perennial flowers, many of which are not even in our list. Very fine for waste space. Will supply many bouquets of mixed flowers. Pkt. 10c.

ROCK GARDEN MIXTURE. This mixture contains a wide assortment of annual and perennial plants especially adapted for planting in rock gardens. Should be planted before the weather becomes too dry. Pkt. 10c.



Sweet William

#### **Spencer Sweet Peas**

NAMED VARIETIES

We believe that SIZE, COLOR and VIGOR OF GROWTH considered this is the finest list of Standard Spencers to date. Varieties that sunburn have been eliminated as far as possible. All giant frilled. All high germination.

PRICES—Pkt. 10c; any six for 50c; 12 for 75c; collection of 24 kinds for \$1.50. Oz. 35c, any variety in this list.

### ORDER BY NAME, NOT BY COLOR

AMBITION. Rosy lavender or orchid.

AMETHYST. Clear medium blue.

CHARMING. Deep cerise.

CHIEFTAIN. Pure satiny mauve.

DISCOVERY. Soft chamois pink. ECSTASY. Largest blush pink.

FAIRYLAND. Light rose pink on heavy salmon ground.

FLAGSHIP. Deep navy blue.

GIGANTIC. Lovely pure white, very large.

GLENEAGLES. Light blue.

MARY PICKFORD. Cream pink, tinged salmon.

OLYMPIA. Immense rich purple.

PEER. Bright orange pink.

PINKIE. Deep rose pink.

PIRATE GOLD. Best salmon orange. PERSONALITY. Coral salmon pink.

POWERSCOURT. Best true lavender.

RED BOY. Fine crimson.

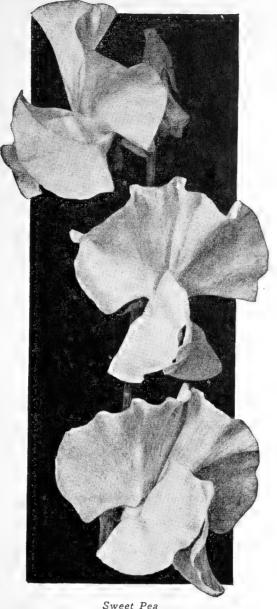
SHIRLEY TEMPLE. Soft rich rose pink. Large daintily frilled flowers.

SMILES. Clear glistening salmon. STYLIST. Pink cerise on white ground.

WARRIOR. Best maroon red.

WELCOME. Brilliant scarlet cerise. WHAT JOY. Deep rich cream.

Above packets are full 10c size. You will be pleased with the amount of seed in each packet.



Fairyland

#### Giant Ruffled and Duplexed Sweet Peas

We offer this year the finest of the Ruffled Sweet Peas now grown and in as wide a range of colors as possible.

FLUFFY RUFFLES. Light cream pink. Pkt. 15c.

RUFFLED EXQUISITE. A new scintillating salmon cerise shading to deeper salmon. Pkt. 15c.

RUFFLED BLUE. Beautiful duplexed flowers of mid-blue, shades to deeper blue. Pkt. 15c.

RUFFLED CRIMSON. Rich satiny crimson. Very fine. Pkt. 15c.

RUFFLED PURPLE. Rich glowing purple with a coppery-rose sheen. Pkt. 15c.

RUFFLED ORCHID. Lavender pink with pastel mauve sheen. Pkt. 15c.

RUFFLED PRIMROSE. Rich deep cream.

Pkt. 15c.

RUFFLED ROSE. Soft rich rose. Pkt. 15c. RUFFLED SPARKLE. Brilliant glowing cerise. Per pkt. 15c.

RUFFLED WHITE. The largest and finest duplexed white yet. Pkt. 15c.

RUFFLED SPENCER MIXED. Pkt. 15c; oz. 60c.

ONE each of the above eleven packets, \$1.25.

Note—Most Ruffled Sweet Peas are light seeded and require a little warmer ground for best results.

#### **Mixed Sweet Peas**

SUPERB SPENCER. This fine mixture contains a wonderful array of colors made up of named varieties. Pkt. 10c; oz. 30c; 1/4 lb. 75c.

EARLY FLOWERED SPENCER. This variety is suitable for spring planting and has the advantage of coming into bloom earlier after planting than the Superb Spencers. Good mixture of colors. Pkt. 10c; oz. 30c; 1/4 lb. 75c.

SPRING FLOWERING SPENCER. This new class was All-America Selections in 1940; will bloom better under hot summer conditions than other sorts. Shades of blue, lavender, and rose-pink in mixture only. Price per pkt. 10c.

### Hardy Flowering Shrubs

Shrubs are of great importance for the ornamentation of home-grounds. They have many uses; some are valuable as cutflowers, while others are as decorative as any ornamental foliage plant. They may be used as a background for the flower border, and for hiding an unsightly building, fence or foundation. Soil where they are to be planted should be well spaded and enriched with bonemeal. Unless a very immediate effect is required, sufficient space should be allowed between them to permit of full development—3 feet for dwarf varieties and 5 feet for the taller ones.

#### Abelia grandiflora

The habit and foliage are distinctly ornamental and it blooms almost continuously from early summer until frost. The flowers are white, tinted lilac. Matured height 3 to 4 feet. Plants, \$1.25 each. 18 to 24 inches.

#### Almond, Flowering

The flowers are borne on its slender branches during May, and are very fragrant. Matured height 5 to 6 ft. Each 85c.

Pink—Double-flowering; pink. 2 to 3 foot plants.

#### Althea (Rose of Sharon)

The Altheas are among the most voluable of our tall, hardy shrubs on account of their late blooming, which is from August to October. We offer in two colors. 10 to 12 feet high when mature. Red, and Purple. 18-24 inch plants. Each 85c.



Azalea Hinodegiri

#### Andromeda

(Pieris Japonica)

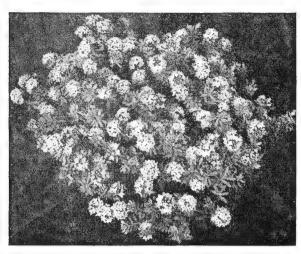
Three to four feet when mature. Pronounced An-drom'-eda. Pretty low growing compact evergreen that likes partial shade and moist peaty soil for best results. Young branches are red. Blossoms in dense racemes of white flowers in spring. Prices (12-15 inches) each \$2.00.

#### Azalea

Attractive low growing shrubs belonging to the Rhododendron family and delighting in slightly acid soil. Should not be cultivated.

A. Mollis—Yellow to deep apricot—deciduous. 12-15 inches. Each \$2.00.

A. Hinodegiri—Brilliant erimson evergreen. 6-8 inches. Each \$1.25.



Daphne Cneorum

#### **New Red-Leaved Barberry**

The linest shrub novelty of recent years. Identical with the Green-leaved Barberry, except that the foliage is a rich, lustrous bronze-red which becomes more vivid as the season advances. 1½ to 2-foot, 2-year old plants. Each 85c.

#### **Broom**

Well known shrub with slender whip-like branches and close foliage.

Praecox-Moonlight — Pale yellow. 12-18 inches. Each \$1.50.

#### Buddleia

Fortune (Butterfly Flower)

(Patent No. 206). Flowers of pure lilac with brilliant orange eye; large fully round sprays nearly 2 feet in length. Fine cut flowers. Foliage deep leathery dark green. Prolific bloomer. 2-3 ft. plants. Each 75c.

BUDDLEIA—ROYAL RED. A new variety of merit, producing from July until frost an abundance of large, fully round sprays of 2 ft. in length; color rich dark royal purple, intensified to almost red when displayed under artificial light. Plant attains 4-6 ft. height, and foliage is deep leathery green. No. 1 Field Grown Plants, each \$1.00.



Forsythia Suspensa

### Camellia (Japonica)

Small treelike shrubs with shining, waxy leaves which are evergreen. Loves partial shade. Covered in very early spring with beautiful long lasting flowers. Colors: Double White, Double Red, Double Pink. 8 to 12 inches. Each \$2.25.

#### Choisya (Mexican Orange)

Evergreen shrub with clusters of pure white; very sweet scented flowers from February to June. 12-15 ins. Each \$1.50.

#### Daphne (Garland Flower)

Dainty low growing shrubs with wiry stems covered with dark green leaves tipped with a cluster of fragrant pink flowers

**D. Cneorum**—(Summer Blooming). 6 to 9 inches. **Each \$1.50.** 

D. Odora — Blooms in winter and early Spring. 9 to 12 inches. Each \$1.50.

#### Deutzia

Pride of Rochester—A fine, tall-growing, double, white-flowering variety. 9 to 10 feet high when mature. 2 to 3 foot plants. Each 85c.

#### Forsythia

A very decorative shrub with bright golden yellow, star-shaped flowers which burst into bloom at the beginning of spring while the bush is otherwise bare.

Suspensa (Weeping Golden Bells) — A tall shrub of willowy growth, the branches gracefully arching. 4 to 6 feet high when mature, 2 to 3-foot plants. Each 85c.

#### Hydrangea

We offer two varities of this, perhaps the most popular of flowering shrubs.

Hydrangea—Blue and pink. Shipping size 12 to 18 inches. Each \$1.25. Postpaid.

Paniculate Grandiflora—Pure white, afterwards changing to pink. Shipping size 24 to 30 inches. Each \$1.25. Postpaid.

#### Kerria (Corchorus)

Japonica flore-pleno — Attractive golden yellow flowers are borne continuously from June to October. 4 to 5 ft. high when mature. 18 to 24 inch plants. Ea. 75c.

#### Kolkwitzia amabilis

Beauty Bush

Mature plants of this introduction appear like a cloud of beautiful pink when in flower. Attains a height of 4 to 6 feet. 18 to 24-inch plants. Each 85c.

## **High Bush Cranberry** (Viburnum opulus)

Magnificent upright, spreading shrub. Broad green foliage makes a rich setting for large bunches of crimson berries which persist on bare branches into the winter. 2 to 3 ft. Each 85c.

#### Laurestinus

#### (Viburnum Tinus)

A compact evergreen shrub that grows well in almost any location. Prunes to almost any height. Produces large quantities of flowers, pink in bud, white when open; almost all winter in this locality. Each (15-18 inches) \$1.50.

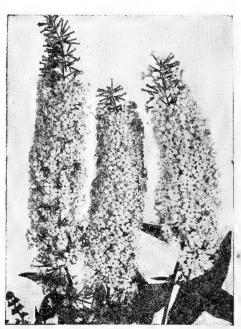
#### Lilac

ADELAIDE DUNBAR. Double dark red. EDITH CAVELL. Double milk white. CHARLES JOLY. Double dark reddish purple.

2 to 3-foot plants. Each, \$1.50.



Double Camellia



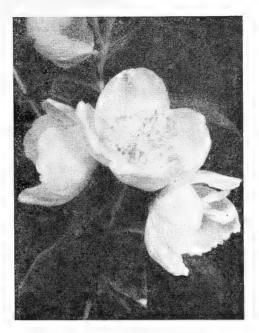
Buddleia



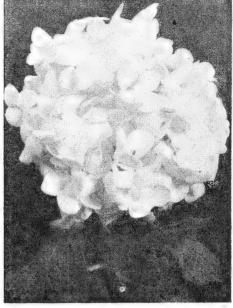
. Viburnum Tinus (Laurustinus)



Bechtel's Double Pink Flowering Crab



Mock Orange, Philadelphus



Viburnum (Snowball)

#### SMALL FLOWERING TREES

#### Flowerina Crab (Malus)

Bechtel's Double Pink Flowering - The Flowering Crab is valued not only for its beautiful blossoms but for the handsome fruits, which in the Fall are attractive to us. In the spring a well-grown plant is a mass of bloom. 3 to 4-foot plants. Each \$1.25.

#### Flowering Plum

Bliriana-Double Flowering.

very handsome tree with heavy branches and double pink flowers, resembling apple blossoms, and reddish green foliage. Blooms very early in the spring. 4-5 feet. Each \$1.25.

#### Peach - Red Flowering

One of the showiest flowering trees for early spring. Each (4 to 5 ft.) \$1.00.



Hybrid Lilac

#### Box Elder, Variegated or Silver

A striking variety with silvery variegated foliage. Grows to a height of 20 to 30 ft. 4 to 5 ft. Each \$1.50.

#### **Quince - Flowering**

A showy shrub that blooms profusely in early spring; flowers dazzling scarlet. 4 to 5 feet high. 18 to 24-inch plants. Each \$1.00.

### Philadelphus (Mock Orange)

This old-fashioned sweet-scented shrub has long been a close rival of the lilac in popularity.

Virginal. This variety has large double white flowers. 10 feet high when mature. 2 to 3-foot plants. Each 85c.

#### Spiraea

Anthony Waterer — Color bright crimson. It is of dwarf, dense growth, and blooms the entire Summer and Fall. 3 feet high when mature. 1½ to 2 foot plants.

-Of compact habit and, when in flower, the white blooms almost entirely cover the foliage. 8 feet high when mature. 2 to 3-foot plants.

SPIRAEAS-Either sort-75c each.

#### Viburnum

Plicatum (Common Snowball) — The perfect balls of pure white flowers are borne in great profusion in May. 7 to 8 feet high. 18 to 24-inch plants. Each 90c.

V. Burkwoodi (Early Fragrant Pink)—4-5 ft. Fine new, dwarf, early blooming sort whose buds are a mauve pink, opening into umbels of pure white, and last over a long period. Price (15-18 inch budded) \$2.25.

#### Weigela

These are among the most popular flowering shrubs, covered in May and early June by their large trumpet-shaped flowers.

Eva Rathke — Blooms all Summer. The flowers are ruby-carmine, 5 feet high when mature. 18 to 24-in. plants. Each 85c.

#### SHADE TREES

#### Beech - Copper

A clean growing, pest free shade tree with brilliant reddish purple leaves in early Spring. The color fades in Summer. 3 to 4 feet. Each \$3.00.

Cherry - Flowering
This shubby tree is considered the world over as one of the finest of the flowering trees. Grows to a height of 15 feet, producing great masses of double deep pink flowers. Buds almost red.

Kwanzan—3 to 4 feet Fach \*140

Kwanzan-3 to 4 feet. Each \$1.40.

#### **Dogwood** (Cornus)

Pacific - Handsome, small trees covered with large, four-petaled white flowers in spring; beautiful, glossy foliage. 15 to 20 feet high when mature. 4 to 5 ft. Each

Florida rubra — Like the preceding except that the flowers are bright pink. 15 to 20 feet high when mature. 24 to 30-inch. Each \$2.50.

#### Hawthorne - Paul's Double Scarlet

Double scarlet, form of the well-known Hawthorne. Flowers profusely in May followed by bright red berries in the Fall. 3 to 4 feet; 2-year branched. Each \$1.50.

#### Maple - Redleaf

Very dwarf maple with brilliant red foliage in early Spring, the color fading somewhat as Summer advances. 18 to 24-inch. Each \$2.50.

### Magnolia - Soulangeana

One of the most beautiful of small growing, trees, bearing great lily-like blooms in May before the leaves appear. Flower petals are creamy white inside. Reddish purple. Price: 18 to 24-inch—Each \$3.75.

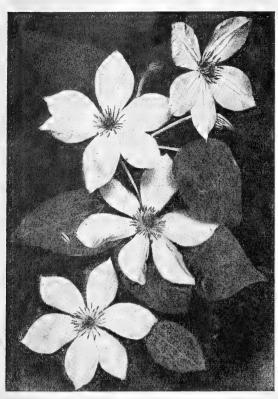
#### Redbud

(Cercis canadensis)

30 foot. Small shrub-like tree. Flowers profusely in early spring. Many small purplish-rose flowers. Each (4-5 ft.) \$1.50.

#### Tamarix - African - Pink

A graceful shrubby tree with very small leaves and tiny clusters of levely pink flowers. A dainty and exotic shrub. Price 2 to 3 ft. Each 85c.



Clematis, Large Flowered Hybrid

#### Winter Jasmine

(Jasminum Nudiflorum)

This vine, which needs some support, blooms almost all winter in the Puget Sound area. The yellow blossoms appear on the slender trailing stems before the leaves appear. Graceful and pretty. Two-year plants. Each 85c.

#### HARDY CLIMBING VINES

#### **Ampelopsis**

Boston Ivy; Japan Ivy

Veitchi—This is the most popular of all climbing plants and attains a height of 30 fet in two or three years; clings to stones, brick, or woodwork. Each 75c.

Quinquefolia (Virginia Creeper; American Ivy)—The large deep green foliage assumes brilliant shades of yellow and scarlet in the fall. Each 75c.

#### Bignonia radicans

Scarlet Trumpet Vine

For covering unsightly places, stumps, rockwork or planting in crevices in ledges. The flowers are large and borne profusely when the plant attains a fair size. Each 85c.

#### **Clematis**

The soil for Clematis should be well drained and of a light, loamy texture. It should be af good depth, as the plant dislikes limited root-space. It is greatly helped by occasional dressings of lime.

#### Large-flowered Hybrids

Jackmani—A perfect mass of bloom when in full flower. Color dark, rich, royal purple. Each \$1.00.

Mme. Edouard Andre — Unusual reddish purple flowers. Each \$1.00.

Henryi—Pure white; large and remarkably handsome. Each \$1.00.

Ramona—Popular pale blue flowers. Each \$1.00.

#### Celastrus Scandens

(Bittersweet or Waxwork)

One of our native climbing plants with attractive light green foliage and yellow flowers during June, followed in the autumn by bright orange fruit. Each 85c.

#### Honeysuckle

Halliana (Hall's Japan Honeysuckle)—A strong, vigorous, almost evergreen sort. White flowers changing to yellow; very fragrant. Each 75c.

GOLDFLAME. A new honeysuckle that can be used not only as a vine but also as ground cover. The flowers are large, in clusters, with flame-coral trumpets lined with gold. Fragrant after nightfall; blooming the same year planted. Imagine this glory of color against ample dark blue foliage. May till frost. 2-yr. field grown. Each 85c.

SCARLET TRUMPET HONEYSUCKLE (Sempervirens) — Upright growth. Dark green foliage, with long tubular scarlet flowers. Each 75c.

#### Polygonum Auberti

(Silver Lace Vine)

The plant is of strong, vigorous growth, attaining the height of 25 feet or more, and producing through the summer and fall great foamy sprays of white flowers. Each 85c.

#### Wisteria

The ideal conditions for Wisterias are a well-drained loam, sunshine and plenty of moisture but, given all these, the plants often refuse to flower. Wisterias are quite difficult to transplant. These are all strong, 2-year-old, grafted plants which more definitely assure flowering in from 2 to 3 years.

Long Cluster; Single Purple. \$1.75 each.

#### HARDY FIELD GROWN ROSES

Washington 2-Year Standard Grade

On account of a very acute shortage of Rose Bushes at this time, we are listing only a very few varieties in this catalog. We expect to be able to have our usual list to offer again next year.

AUTUMN. A fine new rose of strong growth and healthy foliage. The buds are medium sized with cupped double flowers of a novel burnt orange shade streaked with red. The flowers are moderately fragrant. Each 80c.

CHRISTOPHER STONE. A sensational new red rose of perfect form. The buds are well formed and are very fragrant. The foliage is dark green and disease resistant. Each 80c.

DAINTY BESS. One of the most delightful of single roses. Buds are quite large, long slender rosy, salmon, open blooms broad fimbriated petals of pale rose. Wine colored stamens give additional beauty to the open flower. Each 80c.

EDITH NELLIE PERKINS. A very vigorous grower bearing a profusion of attractive, double blooms of delicate coloring. Flowers light cerise, inside of petals salmon with golden tints. The stems are long and straight. Each 80c.

ETOILE DE HOLLANDE. The most popular red garden rose, a brilliant crimson red. A vigorous grower and a continuous bloomer. Large, moderately double, fragrant flowers. Each 80c.

JOANNA HILL. A splendid and distinct sort that showed up in our trials as a rose that will be extremely popular. Large buds and blooms that are high pointed, and at no time do they become flat. Color is a delicate shade of golden yellow, deepening toward the center to a warm apricot tinge. Stems strong and foliage healthy. Fragrant and free flowering and especially fine for cutting. Each 80c.

MRS. SAM McGREDY. The color of this beautiful variety is quite distinct from anything yet seen in roses. A wonderful dual combination of vivid shades, bright scarlet coppery orange, heavily flushed with Lincoln-red on the outside of the petals, a dazzling combination of colors. Flowers large and of perfect form. A fine all-purpose rose of great vigor. Each 80c.

PRESIDENT HOOVER. A glorious rose, hardy, free blooming and vigorous. The buds are large and pointed. The color is a splendid combination of cerise-pink, flame, scarlet and yellow, giving it a truly dazzling color combination. Each 80c.

SISTER THERESE. Buds are long dark golden yellow and remarkably beautiful. Each 80c.

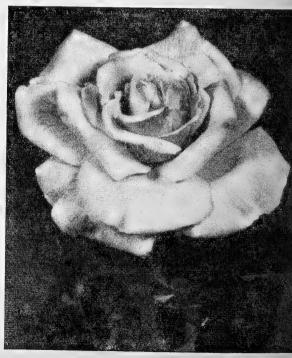
TALISMAN, H.T. This rose introduced several years ago still proves to be a popular seller. The flowers are a beautiful blending of vivid pink, orange and glistening gold all in one splendid blossom. The buds are especially fine, standing under most conditions without fading. Each 80c.

#### **CLIMBING ROSES**

BLAZE. Acclaimed by the nation as the only hardy everblooming scarlet climber. Blaze combines the vigor, beauty and hardiness of Paul's Scarlet Climber. Ea. \$1.

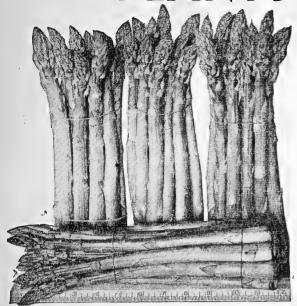
PAUL'S SCARLET CLIMBER. Flowers large, well shaped, vivid scarlet red. Each 80c.

MME. GREGOIRE STAECHLEIN. Crimson buds open to large, perfumed pale pink flowers. Hardy, vigorous grower. Each 85c.



Autumn

## PLANTS—Vegetable and Flower



Asparagus

#### Vegetable Plants

CELERY-Per 12, 25c; per 25, 45c; per 100. \$1.50.

White Plume. Early plants from hotbed. Golden Plume. Early plants from hotbed. Utah. Early plants from hotbed.

ASPARAGUS ROOTS (by mail postpaid). Giant Washington. 1st to 4th Zones. Size Dozen 50 100

50 \$1.25 \$2.00 1.50

CAULIFLOWER-Per 12, 25c; per 25, 45c; per 100, \$1.50. Early Snowball. Hardened plants.

Late Plants (after June 15).

CABBAGE-Per 12, 25c; per 25, 45c; per 100, \$1.50.

Jersey Wakefield (wintered over plants in season).

Copenhagen Market. Late Flat Dutch. Danish Ball Head.

HORSERADISH ROOTS. Three for 25c; dozen, \$1.00; 100 for \$7.00.

RHUBARB CUTTINGS. Strawberry. Ea. 15c; dozen, \$1.50.

Notice. All plant orders will be booked when received and mailed at the proper time for planting. We cannot guarantee delivery on plants booked owing to the uncertainty of growing conditions. However, every reasonable effort will be made to fill all orders as received.

#### Four Fine Carnations

These carnations are larger and finer than the seedling carnations offered on page .. and are grown only from cuttings. Fine for either greenhouse or garden use.

MY LOVE. Free blooming bright rose

PINK SPECTRUM. Large clear pink. Very fine.

RED SPECTRUM. Massive bright scarlet. One of the best.

PATRICIAN. Fine large fringed blooms of pure white.

Price-Each 30c; Collection of Four, \$1.00; dozen. \$3.00.

CARNATION PLANTS. Seedlings grown from the finest strain of carnation seed obtainable. Mixed colors. Will bloom this year. Per doz. 50c.

#### Pansy Plants

GIANT PANSY PLANTS. Fine, large plants grown from our "Regal" strain. Mixed colors. Per doz. 90c; 2 doz. \$1.75; 50

#### **Bedding and Porch Box Plants**

FUCHSIA. Graceful plants with many dainty drooping brilliantly colored blooms. Single. Pink. Pink with purple bell. White with pink bell.

FUCHSIA, Trailing. Red with purple bell. ICE PLANT (Mesembryanthemum). Thick leaves, plant drooping. Flowers pink.

HELIOTROPE. Flowers violet purple and very fragrant.

GERANIUM. Finest of all bedding plants in brilliance of bloom and hardiness.

Double Sorts: Edmund Blanc. American Beauty shade. Fiat. Intense dark salmon pink. Light Pink Cheer. Fine light pink. Michell's Sensation. Brick red. Radio Red. Intense deep scarlet.

Single Sorts: Fire, Brilliant red. Gertrude. Clear pink.
KAVOLESKI. Brick salmon-red.
Mrs. E. G. Hill. Soft salmon-pink.

LANTANA. Dainty plants 12 to 18 inches tall, bearing a profusion of bright two-toned flowers. We have them in two colors: Salmon and Orange.

Prices, Postpaid—Any plants listed above: Each, 35c; 3 for \$1.00; 6 for \$1.90; 12 for

#### Early English Chrysanthemums

The early flowering varieties have been greatly improved in recent years, and when established make a splendid show in bed or borders when most other flowers are getting over.

ALABASTER. White, firm flower 5 in. across, slightly incurved. Aug.

BRONZE EARLY BUTTERCUP. Bronze with gold reverse. One of the best. Aug. CRANFORD CREAM. Cream shading to

primrose in center. Sept.

DAILY EXPRESS. Terra-cotta chestnut, large exhibition flower. Sept.

GLADIATOR. Chestnut crimson, very fine color, 5 in. exhibition flower. Sept. GOLDEN WEST. Color rich old gold. A

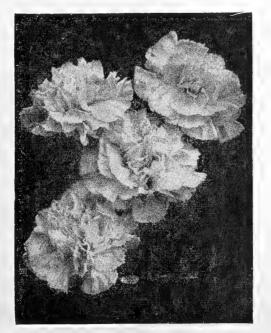
GOLDEN WEST. Color from old gold. A large flower. Sept.

LEDA. Heliotrope pink. Large flower with rolled petals, long stems. Sept.

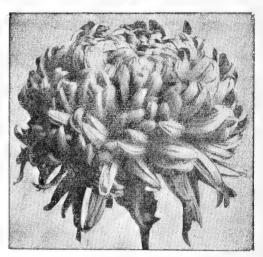
MRS. T. GUTHRIE. Chestnut-red with bronze reverse, broad reflexing petals.

MUSKETEER. Large flowering pink. Sept.

YOUTH. Delightful clear pink, good solid blooms, 5 in. across. Sept. Prices: 35c each; 6 for \$1.85; doz. \$3.50.



Carnations



Chrysanthemum

#### Hardy Garden Chrysanthemums

The following list of "Mums" are all hardy in the outdoor garden. The size of all blooms can be increased by cultivation, fertilizer, de-budding and water during the dry season.

ANGELO. Medium large clear pink, a free bloomer.

CHINA GOLD. Pure golden yellow.

GOLD STANDARD. Bright golden yellow. Immense blooms. Early.

GRANNY SCOVIL. Large fluffy flowers of warm coral bronze. Early.

NELLIE KLERIS. Lovely rose pink. Very

ROMANY. Rich glowing red with carmine and bronze tones. Full double. October.

THE CHIEF. An extremely attractive semi-double variety of large size. Bright scarlet and gold. ROSE GLOW. A raspberry-rose color

which shades to an opalescent rose, semi-double flowers, 2 in. across. YELLOW NORMANDY. A delightful yel-

low. Very early. WHITE FROST. Large incurved white. A magnificent flower. Oct.

Prices: 30c each; 6 for \$1.60; dozen, \$3.00.

#### Cultural Suggestions for Chrysanthemums

Plant in a sunny location, in any good garden soil with good drainage. If soil is too heavy, mix coarse sand, leaf mold, peat moss or well-rotted manure to a depth of 12 to 18 inches. Plant firmly at same level as growing before. Do not plant too deeply. It is a good idea to sprinkle a little coarse sand or peat moss on surface after plant-

May and early June are the best months for planting. Space the plants about 18 inches apart and water well. Do not let plants suffer for lack of water. When the foliage shows any sign of drooping or getting hard, it is a sure sign that the plant is thirsty. Water at the root and do not wet the foliage if it can be avoided. The best time to water is in the early morning or evening. Water thoroughly so that the water will penetrate to the root where it is needed. If the soil dried up too fast, it may indicate a lack of humus; in which case a top dressing of peat moss or well-rotted manure should be given.

When the plants reach a height of about May and early June are the best months

When the plants reach a height of about 6 inches, pinch out the top and if wanted for cut flowers, or garden display, pinch once more when new side shoots have 4 or 5 leaves; depending on the habit and growth of the plant.

### Perennial Plants-New and Old

#### Regular Perennial List

ACHILLEA (A-kil-lee-a). Milfoil or Yarrow The Pearl. Beautiful fern-like foliage suitable for dry exposed places. Masses of small white flowers on 2-foot stems. Spreading root habit. Each 25c; 3 for 65c.

ACONITUM (Ak-oh-ny-tum). Monkshood. Napellus—Stately stems, about 3½ feet tall with many dark blue hooded blossoms. Will grow in sun or moist shade. Excellent cut flowers. Each 25c; 3 for 65c.

\*ALYSSUM (Al-is-um). Madwort.
Saxatile—Called Carpet of Gold. A fine rock plant about I foot tall forming masses of grayish green foliage and covered in early Spring with masses of golden yellow flowers. Likes full sun.

ANCHUSA (An-shu-za) Alkanet. A very hardy family of perennials noted for their brilliance of color. Blooms over a long period.

Dropmore—Four foot stems with many large blue flowers. Each 25c; 3 for 65c.

Myosotidiflora—A dwarf sort with large rounding leaves and large heads of bright blue forget-me-not like flowers. Each 25c; 3 for 65c.

ANTHEMIS (Marguerite). This Marguerite is one of the most satisfactory summer blooming perennials. It does well even in rather poor soil. Produces large yellow daisy-like flowers during most of the summer. Height about 18 inches.

ARMERIA (Ar-mer-ia). Sea thrift — A low growing border or rock plant that does well even in a rathe poor soil. The foliage is bright green and grows in compact clumps, from which stiff, wiry stems arise bearing dense heads of light pink bloom. They flower more or less continuously from early spring till fall.

\*ARABIS (Rock Cress). One of the earliest of all spring flowers in this section. The foliage is gray green and resists drought well. It is very hardy. Forms dense masses of fragrant white blossoms. Suitable for rockeries or edging.

ARABIS ALPINA FL. PL. Double White Rock Cress—The flowers resemble small dainty white rosebuds. Flowers April to June. Height about 8 inches; very fine rock plant.

ASTERS, Perennial (Michaelmas Daisy). Hardy tall growing clumps of daisy-like flowers borne in great profusion.

FINEST OF THE NEWER SORTS

FINEST OF THE NEWER SORTS
BEECHWOOD CHALLENGER. Early
free flowering aster about 3½ feet tall.
Nearest to red. Brilliant crimson red.
Each 45c; 2 for 80c.
BLUE GEM. Finest blue yet. Large semidouble with yellow center. Blooms from
September to frost. Each 30c; 2 for 55c.
HARRINGTON'S PINK. Finest pink yet.
4 feet tall. A very profuse bloomer. Each
45c; 2 for 80c.
ASTERS (Hardy). Species and Hybrids.

45c; 2 for 80c.

ASTERS (Hardy). Species and Hybrids.

Hardy upright plants with small leaves and many daisy-like flowers.

\*Dwarf Hybrid—Countess of Dudley. A sort valuable for edging, grouping or rock gardens. Blooms from August until October. Lavender flowers with yellow center. Each 25c; 3 for 65c.

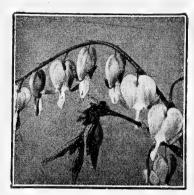
Wonder of Staffa—One of the best of the large flowering sorts produced to date. The 2-inch flowers are borne in great profusion from about June 1st to late Fall. Should be in every garden. Each 50c.

\*AUBRETIA (Oh-bre-she-a). Rainbow Rock Cress. Neat clumps of foliage cov-ered during early spring and summer with masses of beautiful blooms ranging from pink to purple. Fine for rockeries and crevices. 4 to 6 inches.

★Hybrid mixed—Mostly shades of lavender. Each 25c; 3 for 65c.

BABY BREATH. An airy mass of delicate misty bloom much used with bouquets of sweet peas and other bright flowers. Also used for dried bouquets for winter. Single white perennial.

BABY BREATH, Bistol Fairy. A new variety of Baby Breath which has a much larger and much more double blossom than any other sort. Each 60c.



Bleeding Heart

BLEEDING HEART (Spectabilis). This old-fashioned favorite bears long drooping racemes of graceful heart-shaped rosy red flowers. Two year plants. Each 40c.

BOLTONIA (False Chammomile). Pink flowers, slightly tinged with lavender; excellent for cutting. 4 ft. Sept.

CENTAUREA (Montana), Giant Corn-flower. This hardy perennial has a large blue flower that resembles the common Bachelor's Button, except in size. Very

★CERASTIUM (Snow in Summer). A pretty low-growing plant with silvery foliage and covered with pretty starry flowers during the summer. A fine rock or border plant.

COLUMBINE or AQUILEGIA. One of the daintiest and prettiest of all the hardy perennials. The flowers come in late spring and early summer in a gorgeous array of shades and colors. Our plants are grown from the famous Mrs. Scott Elliott strain which is unsurpassed either in the length of spurs or for color.

CORAL BELLS (Heuchera). Many bright coral-red bell-haped flowers in graceful panicles, which give a delicate and airy effect. Suitable for rock work or bedding. effect. Sui Very fine.

COREOPSIS. A free-blooming plant valuable alike for the flower bed or for cutting. Flowers rich golden yellow, semi-

DELPHINIUM. No flower in recent years has shown a greater improvement as a class than the Delphinium. Nor has there been any plant that has outranked it in popularity. Their immense spikes and beautiful colors have made them indispensable for the perennial garden as well as for cut flowers as for cut flowers.

PACIFIC HYBRIDS MIXED. A mixture of Pacific Strain colors. Very fine. Price: 35c each or 3 for \$1.00.

DORONICUM. A fine hardy perennial with many large daisy-like flowers of bright yellow. Blooms in May and June.

FOXGLOVE (Digitalis). We offer a fine strain of this flower that is much improved in type of bloom. The flowers are like Gloxinias in shape and color.

FUCHSIA, Scarlet Beauty. This is the best of all hardy fuchias. The ruby-red pendant flowers are produced by the hundreds. Blooms freely in full sun or light shade. Price, each 50c; 3 for \$1.20.

GAILLARDIA (Blanket Flower). A hardy and valuable perennial which produces many bright flowers on long stems, fine for cutting. Flowers are scarlet shaded to vellow. They bloom over a long period.

GEUM. Pretty and valuable plants producing many cup-like flowers on long stems. Excellent for cutting. We offer several varieties as follows:

Lady Stratheden. Double yellow. Each,

25c; seed, 10c per pkt.

Mrs. Bradshaw. Double scarlet. Each, 25c; Seed, 10c per pkt.

GOLDEN GLOW (Rudbeckia). This fast growing plant is suitable for planting next to walls and fences as it makes a growth of 6 to 8 feet and is covered with many large yellow dark centered blossoms. Re-quires staking.

R. NEWMANII. The perennial "Black Eyed Susan", deep yellow flowers with dark purple cone. Long wiry stems, 3 ft. high. Bloom all summer. Each 30c.

HELENIUM (Helen's Flower). Hardy perennials flowering from August to October. Valuable both as a garden and a cut flower. Glowing bronzy red petals with tip of golden yellow. Three-foot stems.

HELLEBORUS (Niger). Christmas Rose. A rare and beautiful species of winter blooming plants with palmately divided leaves and large open flowers on 12-inch stems. These plants prefer the shade of deciduous trees and should not be disturbed. Blooms from November through the winter. Flowers are white, sometimes suffused pink. Each \$1.00.

HEMEROCALLIS (Hee-mur-o-kal-lis) Day Lily. One of the oldest of all cultivated flowers, having been cultivated in Asia in ancient times. There are many new varieties and colors. We offer several of the best known.

FLAVA 36". May-June. Frargrant clear lemon yellow. Each 25c.

FULVA 36". July. A colorful reddishorange. Each 25c.

HYPERION. 42". July to August. Large, waxy, fragrant flowers of soft canary yellow. Each 75c.

HOLLYHOCK (Chater's Double). This fine old favorite needs no description. Our plants are grown from the finest strain of seed and will please the most discriminating. We offer the following colors: Salmon, Scarlet, Newport Pink, Sulphur, Yellow, White, and Mixed. Plants, 25c. Seed, per pkt. 15c; any color listed.

INCARVILLEA (Hardy Gloxinia). Large, rich rose pink begonia-like flowers, borne in clusters at the end of a long stem make this little known plant worthy of a place in the finest garden. Extra fine, each 40c.

LIATRIS (September Glory). This type was selected from a large number of seedlings because of its outstanding beauty. It has proved very popular as a cut flower. The purple flowers are produced on extra long spikes during late August and September. A first class acquisition for the border and for cutting. Each 30c.

RUSSELL'S LUPINS. These new Lupins introduced last year in England are without doubt the finest ever produced anywhere. The flower spikes are exceptionally-long and the colors startling in their briliance. Many are two-toned or bright self colors seldom found heretofore in Lupins. Lupins.

Seeding plants. Each 35c; 3 for \$1.00.

LYCHNIS (Viscaria Splendens) — Flore Pleno or double, or Ragged Robin. An oldfashioned flower about 1 foot tall bearing large heads of brilliantly colored flowers. This variety is suitable for rockeries and bears panicles of large rose-colored blossoms. Each 30c.

LYCHNIS CHALCEDONICA (Maltese Cross). Three feet. This old favorite bears large heads of brilliant scarlet flowers. Fine for cutting or for growing among shrubbery.

MECONOPSIS (Baileyi). Blue Poppy of Tibet. A hardy perennial from Asia. A graceful plant with pale green leaves and brilliant cambridge-blue pendant flowers about 4 inches across borne on long stems. 75c. Seed, per pkt. 50c.

PRICES of all perennials in this list, except where otherwise noted: Each, 25c; 3 for 65c; 6 for \$1.20; dozen \$2.25, postpaid.

### Perennials for Your Garden

### PAPAVER (Pa-pay'-ver) ORIENTALE

(ORIENTAL POPPY)

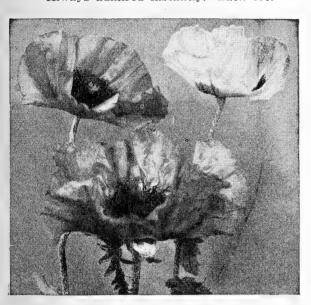
ENCHANTRESS—34". Huge flowers of soft lilac rose. A unique color among poppies, forming a welcome contrast. Each \$1.00.

GOLD OF OPHIR—35". This new sort opens a rich golden orange and develops into the nearest true yellow of any poppy yet introduced. A unique achievement. Fach 75c.

JEANNE MAWSON—24". A grand flower shading from peach pink to deep coral rose. A very satisfactory bloomer. Each 50c.

PERRY'S WHITE—26". Petals of sating white each with a blotch of maroon at the base. Each 90c.

WURTEMBERGIA—38". One of the very best varities grown and certainly among the largest. Petals like bits of China silk, a bright spectrum red with small blotch. Always admired instantly. Each 50c.



Oriental Poppies

PENSTEMON. Garnet. The first hardy, large flowering penstemon. It has become a perennial plant sensation. Garnet is neatly spreading in habit, and produces a succession of bloom from June until cut down by frost. Stems are 12-18" long, neatly populated by large, rich garnet colored flowers. They are fine for cutting as well as for border plantings. Each 40c.

PHYSOSTEGIA (False Dragon Head). Rosy Spire. Deep rosy-crimson color, very vivid. 3 to 3½ ft. Blooms in Sept. Very colorful.

#### \*Primroses

PRIMULA (Veris). One of the best of the hardy border plants for ordinary culture. A low growing plant with heads of cheery flowers in various shades of red and yellow. Seed, per pkt. 50c; plants, 35c each.

★PRIMULA AURICULA. Evergreen primrose. The hardiest of all primroses with broad fleshy leaves that usually are attractive throughout the year. The flowers appear generally in both spring and fall. They are sweet scented and come in a wide range of colors. Mixed colors only. Seed, pkt. 50c; plants, each 35c.

PYRETHRUM (Painted or Persian Daisy). A double form. These plants are grown from the finest double Pyrethrum seed obtainable and while we cannot guarantee them to come double the percentage of doubles is very high. Each 25c; 3 for 65c. Seed, per pkt. 25c.

SCABIOSA CAUCASICA (Isaac House strain). This is a greatly improved strain of the well-known Scaboisa Caucasica. Colors range from white to darkest blue. A wonderful bloomer; 18 to 24 inches. Each 25c; 3 for 65c. Seed, per pkt. 10c.

SHASTA DAISY. This well known daisy grows about 3 feet tall and produces many large white flowers on long stems throughout the entire summer. An excellent cut flower

SHASTA DAISY. Double White. Pure white double flowers on strong, wiry stems 24 to 30 inches long. In bloom for Memorial Day. Price: Each 35c.

STATICE LATIFOLIA (Great Sea Lavender). An attractive and showy plant for borders and beds. The leaves are large and leathery. Stiff branched stems bearing arge candelabra-like heads sometimes 2 feet across arise from the centers. The flowers small purple-blue and attractive are fine in mixed bouquets and for winter

STOKESIA (Blue Moon). The color is a very attractive shade of silvery blue with a lilac-blue suffusion at the center. The flowers are very large, open 5 inches across. An excellent cut flower, having stems 18 to 20 inches in length. Flowers freely and is a beautiful border plant. Price, each 30c.

SWEET WILLIAM. We can supply this old favorite in two colors, Crimson and Pink.

TRADESCANTIA (Spiderwort). James Stratton. Deep Delphinium mauve flowers slightly shaded with rose. 16 inches. Spring and summer. Each, 35c.

TRITOMA (Red Hot Poker or Flame Flower). The early free-blooming qualities of this variety make it one of the best of the hardy bedding plants either single or in masses. On well established plants the spikes are about 3 feet tall, and the heads are a rich orange-scarlet.

TROLLIUS (Globe Flower) Ledebouri. Large buttercup-like orange colored flowers borne on 3-foot stems. A fine cut flower for wet or moist locations. It will do well on any soil that does not get too dry during the summer months, 40c each.

VALERIANA (Officinalis). Hardy garden Heliotrope. A variety with cut leaves and large heads of rose pink flowers with an exquisite heliotrope odor. Height, 3 to 4 feet.

VERONICA (Blue Spire). A delightful 2-foot border plant with long spikes of deep blue flowers borne abundantly during July and August. A good cut flower. Price, each 30c.

Veronica. Crate Lake blue. Dark green foliage and slender spikes of beautiful Crater Lake blue. 15 inches tall. Very distinct. Each 40c.

#### Viola

Jersey Gem (Blue Gem). Vigorous, compact sturdy plants covered with violet-blue blooms from May till fall.

VIOLETS (Odorata). Sweet Violets. One of the most stisfactory and popular of all bedding plants. We offer three sorts: Princess of Wales. Single violet blue. Fragrant. Each 20c.

Double Russian. Double deep violet. Fragrant. Each 25c.

Rosina. Pink and old rose. Fragrant. Each 25c.

YUCCA (Adam's Needle). A plant with creamy yellow flowers on spikes up to 6 ft. tall, with broad, swordlike evergreen foliage. It can be used either for lawn or rockery work and it stands out among all other plants.

#### Phlox (Subulata) Rock Garden Varieties

An early spring-flowering type with the beautiful moss-like evergreen foliage, which during the months of April and May is hidden under the masses of bloom. Fine plant for the rockery, border, and invaluable for covering graves or where a carpet of flowers is wanted. Because of its earliness to flower, it needs to be in every rock garden.

We supply these charming rock plants in three colors, Pink, Lavender and White.

Price, each 35c; three, \$1.00.

#### Hardy Named Phlox

Perennial Phlox succeeds in almost any soil, but of course extra care in preparing and enriching the soil and watering plants in dry weather will result in better plants and flowers. If the first spikes of bloom, which usually appear in July and August, are removed as soon as over, the plants will produce a second supply of flowers, continuing the display until late in the autumn. Perfectly hardy.

We offer only hardy field grown plants that will give satisfaction wherever planted.

Price—Named Phlox, all varieties, 35c each; three for \$1.00; dozen, \$3.50. Either all alike or assorted colors. All postpaid.

BRILLIANT. Fiery scarlet with darker eye.

CAROLINE VAN de BERG. Large flowers of striking blue. Likes partial shade.

DAILY SKETCH. Large trusses of lustrous pink with crimson-rose eye. Florets measure 1½ in. across. No other Hardy Phlox produces florets so large: 3½ feet high.

ETHEL PRITCHARD. Beautiful lavender or rose mauve.

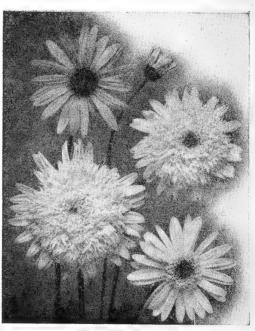
F. G. Von LASSBURG. Very large white waxy flowers.

MARECHAL FRENCH. New, erect massive flower heads of deep scarlet with blood red eye.

 $\ensuremath{\mathbf{R}}.$   $\ensuremath{\mathbf{P}}.$   $\ensuremath{\mathbf{S}}$  translation and salmon, with claret eye.

RYNDSTROM. Delicate rose pink. Solid color.

 $\ensuremath{\mathsf{SPECIAL}}$  FRENCH. New, very large rose with pink blush.



Pyrethrum

PRICES of all perennials in this list, except where otherwise noted: Each, 25c; 3 for 65c; 6 for \$1.20; dozen \$2.25, postpaid.

### MISCELLANEOUS BULBS



Anemone, St. Brigid

#### ANEMONE and RANUNCULUS

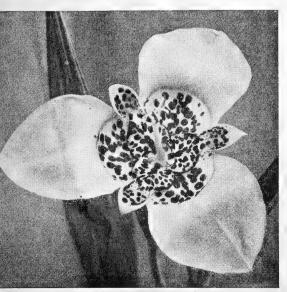
ANEMONE (Monarch de Caen). A magnificent robust growing strain of Poppy Anemone with immense, saucer-shaped flowers of the most brilliant colors from pink to beautiful shades of blue and scarlet, borne on long stiff stems. 3 for 18c; decen 70c dozen 70c.

ANEMONE (Blue Poppy). A most attractive strain of beautiful blue poppy type Anemone with large flowers. 3 for 20c; dozen 75c.

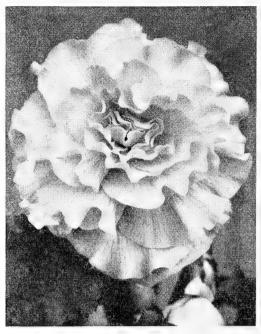
ANEMONE (His Excellency). A grand variety with Poppy type flowers of the most vivid scarlet with silver-white base and black central boss measuring 3 inches across. 3 for 20c; dozen 75c.

ANEMONE (St. Brigid). Mixed. Large semi-double flowers of the most brilliant hues and delicate shades of colors, including a good proportion of rose, pink, lavender and blues. 3 for 18c; dozen 70c.

RANUNCULUS (Tecolote Giants). By far the largest and most magnificent strain of Ranunculus. Flowers are very double, blended with semi-double; centers are usually light green. Mixture contains a beautiful range of colors. Mixed colors, 3 for 17c; dozen 65c. Separate colors, red, pink and orange, 3 for 20c; dozen 75c.



Tigridia



Begonia, Tuberous Rooted

#### BEGONIAS **Tuberous-Rooted**

CULTURE-A popular method of culture is to provide a pan or box, and cover the bottom to the depth of one inch with bottom to the depth of one inch with sphagnum moss, placing the bulb immediately on top and then covering with still another layer of sphagnum moss. They should be kept moist and moderately warm. As soon as roots appear plant in pots in a light soil, one inch below the surface, and water cautiously until plant has shown growth, then increase the amount. Good drainage is essential.

While professional gardeners start tubers in pots indoors during early spring, the dormant bulbs may be planted 10 inches apart in the open ground during May with excellent results. They will thrive in partial shade. Planted on the north side of a house they will make a beautiful display and in those places where hardly any other flower will bloom satisfactorily.

We offer the following colors: Orange, Pink, Rose, White, Yellow, Scarlet and Mixed. Price, ea. 30c; six, \$1.60; doz. \$3.00. All large bulbs.

TUBEROSE (The Pearl. The beautiful double sweet scented flowers of pure white should be in every garden. Plant about 2 inches deep in rich soil and water frequently during growing season. Lift or protect in winter. Each 15c; 3 for 40c; dozen \$1.50.

#### Tigridia or Mexican Shell Flower

Bright, fantastically colored summer blooms lasting until frost. A most satisfactory summer bedder for full sun.

Give the same treatment as gladiolus, planting 4 inches deep and 6 inches apart from late February until May. Ordinary garden soil in full sun. Enjoys plenty of

Mixed colors: 10c each; \$1.00 per dozen.

AMARYLLIS (Giant Hybrids). Easily grown, showy plants with beautifully formed lily-like flowers of immense size and the most perfect form. Colors range from the richest self-colors as scarlet, crimson and bright red, to rose, red and crimson markings on pure white grounds. Several flowers are usually produced on each spike. Plant one bulb to a pot. Mixed colors. Large bulbs. Each 50c.



Ranunculus

#### GLOXINIAS

The Gloxinia has handsome large, round, The Gloxinia has handsome large, round, hairy leaves and quantities of big flowers. Give rich, light soil and partial shade, until well started into growth; in watering, do not wet the leaves. When through blooming, store in any dry, warm place for re-potting next season. In this climate Gloxinias are generally used as house plants. Our bulbs are large size and when properly potted and watered will give excellent results. Mixed colors. Large size bulbs, each 45c; 3 for \$1.30; 6 for \$2.55.

#### CANNAS

These showy Cannas need warm locations for best results. We offer this year dormant root divisions of three of the best known varieties. These divisions should be sprouted in flats or pots during March or April and set out in beds when the soil has warmed up.

PRICES: Each 20c; 6 for \$1.15; doz. \$2.00. KING HUMBERT, Red-4 feet. Scarlet flowers, bronze leaves; a favorite for 15 years.

GARIA. Pink —  $3\frac{1}{2}$  feet. The best with bluish green leaves. Flowers HUNGARIA. pink, with very large.

YELLOW KING HUMBERT. 4 feet. Foliage very dark green; flowers deep rich yellow, softly spotted with bright red.

MIXED HYBRIDS. The common Monthretia that is generally sold in mixture. Flowers orange to orange-scarlet. Each 10c; 3 for 25c; 6 for 45c; 12 for 80c.

#### MONTBRETIAS

This delightful bulbous plant blooms This delightful bulbous plant blooms from July until frost and is excellent for cutting. Bulbs should be planted outdoors during Feb.-March. They require a protection of leaves or litter if planted in a permanent location. Depth 2 inches.

Montbretias are related to Gladioli but are smaller and hardier. The Earlham Hybrid Giants that we offer in the named varieties are giant in size sometimes measuring 4 inches across. The color is brilliant.

brilliant.

HIS MAJESTY. Deep velvety crimson, shading to gold.

LEMON QUEEN. Clear yellow flowers with orange buds.

POCAHONTAS. Bright scarlet, crimson

UNA. Rich apricot with carmine marks. Prices: Each 12c; six for 65c; doz. for \$1.20.

### PLANT PEONIES FOR PERMANENT BEAUTY

Peonies do not bloom well the first year but improve rapidly when established. Planting should be done as early as pos-sible. Strong three to five eye divisions.

The following twelve double peonies are considered among the best in their class. All are fully double and of exceptionally high rating. Many of them are very fra-

Peonies are easily grown almost anywhere in ordinary garden soil, the principal thing to remember in planting to see that the eyes are not more than an inch or two below the surface. Too deep planting is the most common cause of failure to flower. The varieties here listed will all flower profusely, increasing in beauty from year to year and may be left undisturbed for 20 years.

While Peonies give best results when fall planted, in this climate they may be planted at any time during the winter up until about April 1st, with average

ALBERT CROUSSE. 8.6. Fragrant, large, soft rose pink. An exceptionally fine late flowering variety. Superb either as a landscape or cut flower variety. Each 60c.

BARONESS SCHROEDER (9.0). Rose type; late. White with shadings of flesh. This is one of the finest Peonies. Its immense flowers of great substance with high chalice-shaped center are freely produced, lasting a long time. Very fragrant. Each, postpaid, 85c.

COURONNE d'OR. (Calot, 1873). Semi-rose type; late mid-season. This is the famous Crown of Gold. Immense, very full, imbricated ball-shaped bloom. Solid full, imbricated ball-shaped bloom. Solid and compactly built from edge to center. Color snow-white, reflecting golden-yellow stamens that show through the petals when looking at the flower from the side. Delicate carmine penciling on edges of a few central petals. Each, postpaid, 60c.

**DUCHESS DE NEMOURS.** White guards with a moderately full center of light canary-yellow, deepening to pale green at base of petals. Blooms double, large and fragrant. Each 65c.

EDULIS SUPERBA. A very early, bright, clear rose pink peony with silvery reflex that blooms about Decoration Day. One of the most valuable of the fragrant sorts. Each, postpaid, 60c.

FELIX CROUSSE (Crousse, 1881). type; late mid-season. Its large, globular flowers, solid and compactly built from edge to center, are a rich, brilliant dazzling ruby-red. Exceptionally fiery. Bright and effective. Each, postpaid, 75c.

doubt the finest medium-sized white peony in existence. The enormous flowers are snowy-white, with flecks of purple on some of the center petals. Very fragrant. Each, postpaid, 75c.

postpaid.

Peony Collection

varieties in our list. A wonderful array of color and a long blooming period. Retail value \$9.75, for only \$9.00,

One of each of the twelve

MONSIEUR JULES ELIE. Mid-season, bomb type. This is the king of all peonies. Mid-season. The immense flowers are glossy lilac pink shading to deeper rose at the base. The entire flower is overlaid with shimmering silver sheen that makes it truly a wonderful peony. Each, 85c, postpaid.

OFFICINALIS RUBRA. The earliest of all good reds. Blooms are large and round on stiff stems which make them fine for cutting. Each, 85c, postpaid.

PHILIPPE RIVOIRE. (9.2). Richly rose-scented, early, very dark crimson with blackish sheen. The American Peony So-ciety has declared this is the best red Peony in the world. Has a delightful rose-fragrance, which is rare in red Peo-nies. A magnificent landscape variety. Each \$1.25, postpaid.

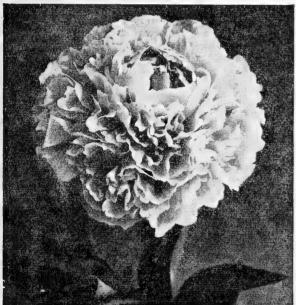
SOLANGE (9.7). Flower very large, compact; rose type; outer petals delicate waxy white, deepening toward the center with shades of orange and golden brown. One of the most beautiful Peonies in existence: a strong grower and a late, free bloomer. Each, postpaid, \$1.00.

THERESE. (9.8). The second highest rated Peony and considered the world's best pink. Very large, rose-type with a delightful fragrance. Equally fine for land-scape or show purposes. Mid-season. \$1.00.

#### Hardy Border Carnations

These are the hardiest of all outdoor carnations. Very fragrant, producing on long stems. The finest of all varieties. We offer these fine plants in four colors: Pink, Scarlet, White, and Yellow.

Price each 35c; three for \$1.00; six for \$1.90; dozen for \$3.50.



Peony

Do as successful market growers do - Place patented Germaco HOT-EASY... I USE HOTKAPS! KAPS - strong little hothouses -How Hotkaps help you grow over seeds (or over plants when transplanting). Com-**Earlier, Hardier Vegetables, Flowers** pletely protect from destructive

frosts, storms, insects — maintain perfect mulch. Increase yield from 18% to 51%, ripen plants three weeks earlier.

Quick, easy to set, instructions on package. 25 Hotkaps, 50c. 250 for \$3.50. Setter free. 25 Hotkaps, 50c. 250 for \$3.50. Setter free. Beat everyone with first vegetables, flowers. Buy Germaco HOTKAPS from us today. MARKET GROWERS: GERMACO HOTKAPS help you have sure crops, highest out-of-season prices, bigger profits. 1000 for \$11.00.

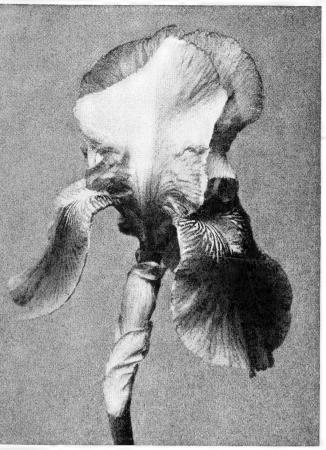








theory of weed killing.



Dauntless

No shipment of Bearded Iris until after July 1st. Iris do best when planted during July, August and September.

ALTA CALIFORNIA (Mitchell) 45". Deep golden yellow with a bronze flush on the F. which intensifies the glowing color. All Iris judges place this variety among the very finest yellows in existence. Flowers are large and firm-textured. Ea. 25c.

ANNE MARIE CAYEUX. The smooth, soft tones of this Iris are indescribable. The introducer says "a blending of the sky's colors at sunset and those of a pigeon's throat." The flowers are very large, of a thick and leathery substance. The whole effect is wonderfully beautiful—soft rosy heliotrope blended with grayish amber, beard orange. Each 25c.

BLUE VELVET (Loomis) 42". Petals similar in shade and texture to deepest blue velvet. Each 30c.

BURNING BRONZE (Ayres) 40". A rich and brilliant blazing metallic red bronze that glows, like a burning torch. A new novelty red. A.M. Each 40c.

CALIFORNIA GOLD. Deep glittering yellow, of very large size, and surpasses everything in its color. Each 30c.

CHINA MAID. Shades of pink, golden copper, and lilac smoothly blended together. Very large size and fine form. Each \$1.00.

COPPER LUSTRE. COPPER LUSTRE. (See back cover). 1938 Dykes Medal Winner. A new shade in Iris. It positively glows in its bright copper, gold, and pinkish tan blendings. Each 50c.

DAUNTLESS (Connell) 41". The finest low-priced red variety. For those who desire two good reds, we recommend this variety and Indian Chief. Dykes Medal winner. Each 30c.

DESERT GOLD (Kirkland) 35". A very early bloomer. An extremely large, finely formed, smooth clear yellow with brilliant beard. Fragrant. A.M. Each 30c.

FAR WEST. One of the loveliest of all blends, a rare medley of salmon and golden sand, of coral and henna, with a soft glow at the heart. It is of bold and sturdy growing habit, the big blooms well spaced on fine stalks reaching 40 inches in height. Each 50c.

### IRIS—Tall Bearded

FRIVOLITE. The general effect is one of brilliant shrimp-pink, with golden glints. This French introduc-tion is a great improvement over Marquisette, being a deeper shade. Each 30c.

FIESTA. Sparkling copper standards, apricot orange falls. A very gay affair! The large oval blooms are well held on 3-foot stems. Each \$2.00.

GRAND CANYON. An odd blend of deep tones of plum and copper and gold. About 41 inches tall, perfectly branched, with blooms of very large size, which hold up well in any weather. Each \$2.00.

GUDRUN. Heavily textured enor-GUDRUN. Heavily textured enormous white, with petals like those of a magnolia. A warm or creamy white, with brilliant orange beard and a slight gold dust sprinkling over the entire bloom. A constant winner at the shows. Each 35c.

INDIAN CHIEF (Ayres) 36". pinkish red; F. velvety red. One of the finest reds in the garden, re-gardless of price; a most popular sort. Each 25c. One of

KALINGA. Huge cream self, outstanding not only as an exhibition flower but as a garden specimen as well. The broad, spreading, ivory-textured blooms generally come out in groups of three or four at the same time. Under proper conditions it grows about four feet tall. Each 35c.

LOS ANGELES (Mohr) 46". Great sating white flowers, faintly edged with blue. Popular sort. Each 25c.

MARY GEDDES (Wash.) 38". A Dykes Medal Winner. A rich, golden salmon blend, the F. stained deeper and overlaid Pompeian red. Each 25c.

MELDORIC. Huge blue-black self, one of the richest and most striking irises ever introduced. Not as consistent bloomer as Kalinga but still one of the most popular popular of the dark-colored sorts. Each 25c.

MISS CALIFORNIA. 48" gigantic lilac pink, with the growing habits of Dauntless, one of its papers. less, one of its parents. While not the "pinkest" iris the shade is quite novel which is usually classed as orchid pink. A vigorous grower, a rapid increaser and perfectly hardy. Early. Each 50c.

MRS. VALERIE WEST (Bliss) 40". Most popular variety ever imported from England—a mixture of lavender, bronze and crimson. Each 25c. NARANJA. The first iris of huge size with a definite orange tone. Falls are ochraceuous orange, with a yellow heart and the standards are bright empire yellow, the beard orange yellow. It gives a pronounced orange effect in the garden. Each 35c.

ORMOHR. One of the largest irises in existence. A seedling of Wm. Mohr. The color is pale lilac with a silvery cast, veined violet. Each \$1.50.

PRESIDENT PILKINGTON (Cayeux) 46". Very huge flower, being a lovely pastel blend of lavender, blue, buff, yellow, and rose, with striking gold beard. French award winner. Each 25c.

PURISSIMA (Mohr) 40". Pure cold white. One of the finest whites yet. Each 35c.

RAMESES (Sass) 38". A symphony in rose, pink, and buff, shading to yellow near edges. Apricot beard. American Dykes Medal winner. Each 25c.

Medal winner. Each 25c.

RED DOMINION (Ayres) 40". Luxurious red velvet, the shade of a glass of fine wine with the light shining through it. S. clear lustrous red, slightly frilled; F. horizontal and velvety. H.M. Each 40c.

ROSY WINGS. Winner of the Dykes medal 1939. A blend of rose and copper with excellent form, flaring falls, large size, 40-inch stem. A profuse bloomer and easy grower. To grow this iris at maximum quality, remove some of the excess bloom stalks. Do it early and the result will surprise you. Each 35c.

SENSATION (Cayeux) 34". Cornflower

SENSATION (Cayeux) 34". Cornflower blue. One of the finest of all blue iris of the stalk. Each 25c.

SIERRA BLUE (Essig) 50". A soft, clear, enamel-like blue. This Iris was recently awarded the Dykes medal of the American Iris Society for 1935. It is of tall and stately habit and carries many buds to the stalk. Each 35c.

SIR MICHAEL, Considered by many as the finest blue and purple bicolor in the world. The standards are clear blue, falls deep rich mahogany, with beard of redgold. A super iris introduced from England. Does well under many conditions.

THE BLACK DOUGLAS. Large blackish purple of even tone, different in its "black" effect in that it is on the red-purple side instead of being blue-purple. Medium height, fine form, and very velvety surface. Each 35c.

WABASH. 40". Large flowers with clean white standards and bright purple falls beautifully margined. A gorgeous Iris. Each \$1.00.

WILLIAM MOHR (Mohr) 30". World's best Oncocyclus-pogon-iris hybrid. Large blossoms of pale lilac, netted and veined violet. Unique. Each 30c.

#### THE GARDEN ORCHID

IRIS, KAEMPFERI. The last of the Iris species to bloom and the most beautiful, their remarkable flowers, generally rather flat and wide, appearing in June and July. Plant in a sunny moist location.

Price—With exception noted: by mail postpaid: Each 35c; 3 for \$1.00; doz. \$3.50.

1—BLUE WAVES. Large semi-double grayish background overlaid with Wisteria blue and striking gold center. Second flowers are sometimes lighter shade. Very striking in mass planting. Each 45c.

2—KUMA FUNJAN (Excited Bear). Double intense claret red, with tufted center, the color being uniform throughout, with the exception of the deep yellow throat markings. Very handsome. Each 45c.

3—GEKKA - NO - NAMI. (Waves under Moonlight). Earliest to bloom, and very free. Glistening white with creamy white stigmas. Each 35c.

4—KOKI - NO - IRO. (Purple and Gold). Enormous double flowers often ten inches across, early and free-blooming; one of the very best varieties. Color, rich violetpurple with white petaloids tipped violet. The conspicuous golden throat extends outwards in sharp bluish - white rays.

5-UCHIU. (Universe). Beautiful, sixpetaled flowers of largest size, on the longest stems. Color, coerulean blue with golden center and white halo from which radiate many clear white lines. Standards white, tipped blue. This variety covers the longest blooming season and is altogether one of the most attractive Each 35c.

6—ZAMA - NO - MORI. Larger than a majority of varieties, although only three-petaled; one of the daintiest and most delightful of the delicate toned kinds. White, with a heavy azure blue zone; short white standards margined blue. Each 35c.

7—MAHOGANY. Large, double flowers, among the latest to bloom. Velvet-toned, deep mahogany-red; the erect petaloids prettily crested. Each 45c.

magnificent broad-petaled variety; one of the largest flowered, and the latest to bloom. Color a nebulated suffusion of rose and coerulean blue over gray, deep-ening toward the gold flushed center of rosy lilac. Each 35c.

## GLADIOLUS ... THE CREAM OF THE WORLD'S BEST VARIETIES

Most Popular of all Summer-Flowering Bulbous Plants

#### **General Gladiolus List**

BAGDAD. Smoky old rose, deeper at edge of petals and lighter in the throat. Lip petals have a faint creamy blotch marked with pencilings of begonia-rose. Five to seven immense blossoms, strong spike. Each 8c; doz. 80c.

★BARCAROLLE. Clear large ruffled grenadine orange of an absolutely clean clear shade. No markings. Best of its color and an outstanding new glad. Each 10c; dozen \$1.00.

★BEACON. Clear bright rose scarlet with large cream blotch. 8-10 partially ruffled blooms borne on a straight stem. Fine cut flower. A real 100% commercial. Each 10c; dozen \$1.00.

BETTY NUTHALL. The coloring is new, a warm light coral with pale orange throat and a light feathering of carmine. The flowers are often 6 inches across, of splendid substance and placement. Each 8¢; dozen 80c.

★BLUE BEAUTY. Large light blue, shading darker towards the edge. Flowers wide open and more vigorous than most blues. Each 10c; dozen \$1.00.

COMMANDER KOEHL. A beautiful large clear light blood red. Probably the best variety in its color. Tall, straight, massive spikes with many open at a time. Each 8c: dozen 80c.

★CHIEF MULTNOMAH. Reddish smoky with a cherry blotch. Very large and fine. Each 10c; dozen \$1.00.

DR. F. E. BENNETT. Peach red overlaid with flame scarlet. The throat is striped with ruby and white. Very large and striking. Each 8c; dozen 80c.

EARLY ROSE. Early. A splendid cut flower of blended rose shades. A prizewinner. Each 8c; dozen 80c.

★FLAMING METEOR. A bright orange red. Tall stalks and large flowers. Each 10c; dozen \$1.00.

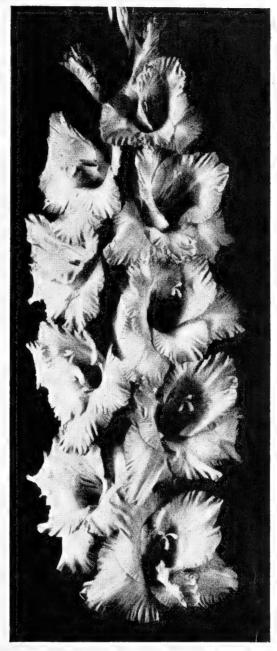
GATE OF HEAVEN. Straight spike. A strong growing pure rich deep yellow. Florets large, ruffled, well placed and of good substance. Each 8c; dozen 80c.

★J. S. BACH. 5 ft. Early. An immense salmon orange. Highly recommended. Each 8c; dozen 80c.

KULSHAN. Tall, strong stem with up to eight open, cup-shaped florets in medium purple with small cream spots in the throat. Each 10c; dozen \$1.00.

MAID OF ORLEANS. Beautiful pure white with cream throat. Straight spike with many florets open at one time. An excellent cut variety. Each 8c; dozen 80c.

★MAMMOTH WHITE. A very large alabaster white with many flowers beautifully placed on a tall and graceful spike. A consistent prize winner. Each 8c; dozen 80c.



New Era

\*MARGARET BEATON. Pure snow white with small orange scarlet blotch in the throat. Six or more large well placed blooms open on a long flower head. A strong grower. This variety is very beautiful and has created a sensation everywhere it has been shown. It was voted the most beautiful bloom in the show. Each 10c; dozen \$1.00.

★MAX REGAR. Light lavender blue. Darker throat markings with white points. Each 10c; dozen \$1.00.

MINUET. Clear, light lavender with just a hint of opalescent shading. Among the best of its colors. Each 8c; dozen 80c.

MOTHER MACHREE. A deservedly popular variety of gladiolus of a beautiful golden lavender with a smoky veil that makes its unique. Each 8c; dozen 80c.

MRS. LEON DOUGLAS. Giant graceful flowers 5 to 6 inches across on tall spikes. Ground color, rich salmon pink overlaid and beautifully penciled brilliant flame scarlet; pale lemon throat, slightly speckled ruby. Each 8c; dozen 80c.

MT. INDEX. This magnificent new glad grows 5 feet tall with 2 foot flowerheads of creamy white, with a golden feathered blotch in the throat. The florets are large and about 5 or 6 open at a time. Each 25c.

\*NEW ERA. This new Glad which sold for \$8.00 per bulb in 1937 is one of the loveliest Glads yet introduced. Winner of many blue ribbons all over the United States. Color, eosine pink blended with LaFrance pink; throat soft cream pink, white midribs. Extremely ruffled and frilled. As high as 10 florets open at one time. Each 12c; dozen for \$1.25.

★PEGGY LOU. Beautiful new light rose. Mid-season. Grows about 4½ feet tall. Each 10c; dozen \$1.00.

PELEGRINA. This is considered the very best dark blue, being of a rich and intense deep violet-blue shades. Each 8c; doz. 80c.

★PICARDY. A truly sensational flower of delicate apricot pink. One of the finest gladioli in our entire list. Ea. 8c; doz. 80c.

RECADO. Rosy ash, flecked orange. Each 10c; dozen \$1.00.

RED PHIPPS. A glowing scarlet. Has the good points of W. H. Phipps, such as size, length of spike and lasting qualities. Each 8c; dozen 80c.

ROSA VAN LIMA. A very fine, large light pink. Early. Each 8c; dozen 80c.

\*SHIRLEY TEMPLE. One of the recent high priced novelties. The flower is an immense ruffled cream of good substance, borne on tall spikes. An outstanding gladiola. Each 10c: dozen \$1.00.

★SONATINE. Very tall, 'large, early lustrous pink. The spike is straight and stiff. The florets are very large with broad petals, strongly attached to spikes. A real beauty. Each 8c; dozen 80c.

SNOW PRINCESS. Milk white. Very tall. Each 10c; dozen \$1.00.

TAHLAHNEKA. Something rare in yellow Glads. A clear medium gold color. Tall well placed florets, many open at a time. The best yellow we have seen. Each 50c.

YELLOW EMPEROR. Extra fine yellow. Each 8c; dozen 80c.

HYBRID Mixed. Doz. 50c; 25 for 95c; 50 for \$1.85; 100 for \$3.60.

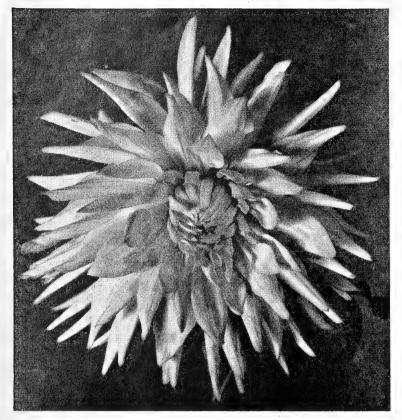
PREMIER Mixed. Doz. 75c; 25 for \$1.45; 50 for \$2.85; 100 for \$5.60.

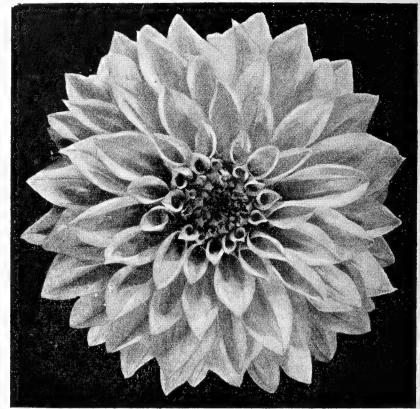
Postpaid in 1st, 2nd, 3rd and 4th zones.

### TREATMENT OF GLADIOLUS BULBS FOR THRIPS

To treat your Gladiolus Bulbs for thrips use Napthalene Flakes at the rate of 1 oz. to each 100 large or 250 medium size bulbs. Cover the containers, preferably a shallow box or tray with newspaper. Perforate the paper with small holes to allow excessive gas to escape. After three weeks sift out the flakes. This treatment will kill both thrips and eggs. Do not treat the bulbs with napthalene after the roots begin to show, as it will burn them.

Another good treatment to give the bulbs just before planting is the use of Lysol solution. Mix 4 teaspoonfuls of Lysol to 1 gallon of water. Soak the bulbs in this solution for 16 hours or more. The bulbs may be dipped and left for as long as three weeks before planting.





Formal Decorative Dahlia

Cactus Dahlia

# Form of Flower—(FD) Formal Decorative, (ID) Informal Decorative, (C) Cactus, (SC) Semi Cactus, (B) Ball or Show, (P) Peony.

Dimensions—After each listing, numbers such as 6-8 5 appear. The 6-8 means that the flower will grow from 6 to 8 inches in diameter, and the last number such as 5 means the height the plant will grow in feet.

Culture—Plant 2 or 3 feet apart in holes about 4 to 6 inches deep, laying the bulbs flat with the eye uppermost. Never stand bulb on end. Soil must be well worked and kept cultivated until bloom buds appear, after which keep the surface from crusting. After the young plant appears above the ground, keep the soil moist, but never water before the plant is above the ground as this may cause them to rot or damp off. Never allow fertilizer to come in contact with the bulb or plant. Allow only one shoot to grow and disbud for large blossom and long stems.

Orders for Dahlias are booked as received, and will be shipped from April 15 to May 15. Dahlias can be planted at any time from about April 20 to June 1. We would appreciate it if you will say we may substitute with an equal or better variety if the one ordered is sold out.

AGNES YOUNG (ID) 6-8 5. Pleasing color of red with gold tips, best of stems, a very striking flower. Each 50c.

AUDREY (FD) 8-4. Blend of old rose, mauve, pink and gold. Each 50c.

BETTY ANN (ID) 6-12 4. Fuchsia purple with suffision of yellow at base of petals. Each 50c.

BETTY COLTER (ID) 8-12 4. Salmon red shading to old rose at the base of the petals, the stems are fine, and the plant is covered with blooms at all times. 50c.

### DAHLIAS

SEE COLLECTION OFFER, PAGE 31.

BLUE RIVER. Large French violet. Each 50c.

BOBBE DEANE (FD). This dahlia produces the finest of flowers; it has never been defeated in competition; color is maize yellow overlaid gernaium pink. 5 to 6 feet. Each \$2.00.

BRIDESMAID (FD) 5-7 6. Lavender pink lighter at base, long stiff stems and is one of the best for cutting. Each 50c.

CAVALCADE (FD) 6-10 7. Old rose, like Jersey Beauty in form. Each 50c.

CLASSMAN (ID) 8-10-5. Large flowers of cream yellow, lavender and purple. Each 50c.

COLLEEN MOORE (FD) 6-6. Bronze yellow bloom lifts high from stem. Each 50c.

CORNELIA BRYCE PINCHOT (ID) 10-5. Shaggy burgundy blooms. Very wide curling petals. Each 50c.

DAD SMITH (FD) 5-7 5. This one has been a winner all over the world and always gets the blue ribbon. We feel that it is the best in its type and so will you. Soft red heavily edged with golden yellow. In the late fall the red will be almost out of the flowers. Each 50c.

DAISY TURNQUIST (ID) 5-5. Rose pink, salmon and orange blend. Each 50c.

DORA MILLER (FD) 8-12-5. Old gold with suggestion of orange. Each \$1.50.

ELLEN WORTHEN (SC) 8-14-5. Salmon pink. Each 50c.

ELINOR FISH (FD) 8-12 6. A wonderful flower of a deep red, finest of stems to hold gigantic flower high above the foliage. Each 75c.

ELITE GEM (C) 6-6. Pink petals with old gold at the base. Keeps well. Each 75c.

 $\begin{array}{lll} \textbf{FRANCOTT} & \text{(C)} & \text{6-8-4.} & \text{Magenta tipped} \\ \text{white.} & \textbf{Each \$1.00.} \end{array}$ 

FRAU O' BRACHT (C) 6-8 6. We cannot say enough for this one; it has everything one could want in a cactus dahlia. Light yellow. Each \$1.00.

GLADYS COGSWELL (FD) Dark rosy pink blooms 5 to 7 inches. Each 50c.

GOLDEN EMBLEM (ID) 8-10-5. Golden yellow. Each 50c.

JANICE WALKER (FD) 4-67. A fine cut flower of light purple. Each 50c.

<code>JOSEPHINE G</code> (ID) 6-8 5. Bright rose pink tipped gold at base of petals. 50c.

KATHLEEN NORRIS (ID) 8-105. Still a favorite in the large pinks. Each 50c.

KENTUCKY COLONEL. Lavender pink, white at base. Each 50c.

LILLIAN NOSER (FD) 8-12-5. Lavender pink, very large. Each 50c.

MABEL GARRISON (C) 6-96. Old gold and scarlet. Once you grow this one you will always call it your favorite. Each 50c.

MABEL ARUNDEL (FD) 7-5½. Lilac, apricot and gold blend. Strong stem. Each \$1.00.

MARGARET IVY (SC). Apricot and orange. Blooms 6 to 8 inches. Each \$1.50.

MAY WARNER (FD) 6-8 4. Silver and pink. You will be proud when you grow this one. The flower that everyone loved that came to our gardens. Each 50c.

MISS PUGET. Warm buff with suggestion of pink. Blooms 8 to 10 inches across. Each 50c.

MRS. F. F. POWELL (FD). Spanish. Scarlet. Each 50c.

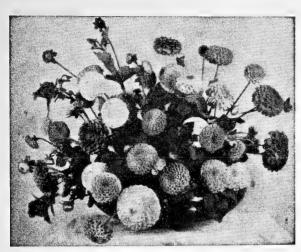
MUNCHAUSEN (FD) 5-4. Bright stick candy red, tipped with white. Each 50c.

PRINCE OF PERSIA (ID) 8-10 6. Bright cardinal red, deep flowers held facing on long stiff stems. Each 50c.

FLORISTAN'S WHITE (C) 6-8-4. Pure white. Each \$1.50.

PRUDENCE PENNY (ID) 4-5 3. Bronze buff and old gold, darker at center; it could be called a miniature Jane Cowl. Each 50c.

PURPLE MANITOU (FD) 4-6 3. A very good purple flower for cutting. Each 50c.



Pompon Dahlias

#### **Dahlias**—Continued

ROUGE BOUQUET (C) 6-86. Blend of orange, red and purple. Each 50c.

RUTH HELEN (SC) 7-9 5. A beautiful golden yellow. An improved Golden Emblem. Each 50c.

ROYAL PENNANT (ID) 6-8-4. A large royal purple. Each 50c.

WILLIAM HOGAN (FD) 6-5. Maroon, tipped white. Profuse blooming; heavy foliage. Each 50c.

THOMAS A. EDISON (FD) 6-9 4. Royal purple, finest of stems. A wonder. Ea. 50c.

#### Dahlias in Mixture

A mixture of different kinds and colors. All good varieties. None labeled. Price: Each 20c; six for \$1.15; dozen \$2.00.

COLLECTIONS. One dozen, our selection, no two alike, \$2.50. One dozen, \$6.00 value, no two alike and our selection, \$3.00, and our \$4.00 selection of twelve of our finest dahlias (no two alike) Just can not be equaled any place. We select these from our hest from our best.

#### SINGLES, MINIATURES, COLLARETTES

Each, 50c.

BETTY BERNEY (Min. FD). Brilliant scarlet with pointed petals.

BOB HARRIS (Charm). Claret re a white center stripe. This is gay! Claret red with

BO-PEEP (Min. FD). Rich, violet purple bloom balls back.

CORINE (Duplex). Spanish scarlet.

DAWN (Single). Amber buff.

DOT (Orchid Type). Petals have white surface, rose on reverse side.

FAIRY (FD). Lavender pink.

FUGA (Col). Tomato red with red collar.

GAY FEATHER (Single), Dazzling red.

HELEN HERRICK MALSED (Min. Col). Almost black Spanish scarlet.

MRS. STEPHEN CONWAY. Small maize yellow dahlia shaped like a cosmos. New type. Foliage resembles holly.

ORA FRIEND (P) (Min.). Old gold and apricot. Blooms 2 to 21/2 inches.

PATRICIA MALONEY (FD). Apricot and warm buff suffusion.

RENEE (ID). Straw yellow to a warm buff with a suggestion of pink.

SHIRLEY GORGEN (Min. Double). Delicate peach-yellow.

WINE DROP (FD). Wine red with a purple cast.

All of the miniatures have the best of stems and the flowers of each face up or out. All are the finest of cut flowers.

#### POMPON DAHLIAS

30c Each.

AMBER QUEEN. Amber suffused apricot.

DORIA. Dark Maroon red.

EDITH MUELLER. Golden orange.

HAZEL DELL. Clear pink edged cerise. HELEN ANITA. Lavender pink with white eye.

HONEY. Light honey yellow suffused red. JOHNNY PIPPIN. Dark crimson.

LITTLE DOROTHY. Cream white and

LITTLE SNOW WHITE. White.

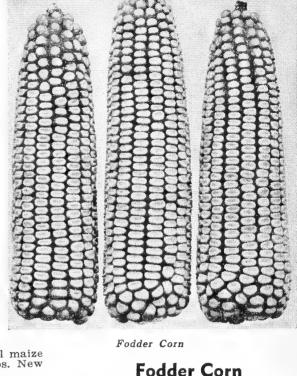
MARY MUNNS. Fuchsia with orchid

MORNING MIST. Pinkish lavender.

SUNBEAM. Crimson scarlet.

STORM CLOUD. Royal purple.

YELLOW GEM. Yellow.



#### Fodder Corn

EARLY NORTHWESTERN, Smoky Dent.

The earliest dent crown grown. The ker-The earliest dent crown grown. The kernel is red, being a cross between a red flint and a yellow dent. While this corn does not produce as great a quanity of stalk as the Minnesota No. 13, it will mature a much greater number of ears, and so is especially adapted for feeding hogs. Prices, postpaid: Lb. 20c; 10 lbs. at 12c per lb.; 50 lbs. at 11c per lb; 100 lbs. at 10c per lb.

10c per lb.

MINNESOTA No. 13, Dent

This corn is the earliest and most productive of all yellow dent corn. Besides being adapted to a wider range of climate and soils than any other crop, it will produce the greatest amount of ensilage of any of the kinds now grow with success west of the Cascade Mountains. Our stock is grown from finest selected stock and carefully tested for germination.

Prices, postpaid: Lb. 20c; 10 lbs. at 12c per lb.; 50 lbs. at 11c per lb.; 100 lbs. at 10c per lb.

10c per lb.



### A Square Meal Gorgeous Flowers

The sparkling new varieties of flower seed we offer can only be expected to do their best if supplied with the eleven essential plant food elements. To be sure, feed with

# VIGORO Square Meal for all Plants

A Product of Swift

PRICE, Postpaid, 1st, 2nd and 3rd Zones: 5-lb. pkg......\$1.45 50-lb. bag.... 10-lb. pkg... .80c 100-lb. bag, \$3.70, f.o.b. La Conner, Wash.



#### FLORALIFE

No more need to worry about your cut flowers keeping! Amazing Floralife adds 3 to 5 days more life to cut flowers. No wilting, no fading. No need to change water or recut stems. Used by leading florists and at major flower shows. Order several packages of Floralife and get added pleasure from cut flowers in your own home. 10c per pkg.

#### CLOVERS AND GRASSES

Variety	Uses	Kind of Soil	Lbs. Per Acre	Postpaid 1 PRICE 1-lb.	st to 3r PER 1 5-lbs.	POUND
Alfalfa, Common	Green feed, Hay	Well drained	(12-15 Drilled	62c	53c	51c
Alfalfa, Grimm Blue Tag.	Green feed, Hay	Well drained	(18-20 Broadcast	70c	60c	58c
Alsike Clover	Hay and pasture	Average soil	20-30 Broadcast	55c <sup>-</sup>	44c	43c
Chewings Fescue	Lawn and pasture	Average to dry	1 lb. — 300 sq. ft. lawn	92c	83c	81c
_	_	Average to wet	1 lb. — 300 sq. ft. lawn	96c	88c	86c
Kentucky Blue Grass		Average	20-30 — Pasture		48c	46c
Ladino	Pasture and Hay	Average	6-10 — Pasture			40
Meadow Fescue	Pasture grass	Average	20-30 — Pasture		44c	42c
Orchard Grass	Pasture	Average	20-30 — Pasture	60c	53c	51c
Red Clover, Medium	Pasture and hay	Average	12-15 — Pasture	5 <b>6</b> c	48c	46c
Red Clover, Mammoth	Pasture and hay	Average	12-15 — Pasture	60c	53c	51c
Red Top	Pasture and hay	Average to wet	14-18 — Pasture	41c	33c	31c
		Only very wet	6-8 — Pasture	66c	58c	56c
Rye Grass, Domestic	. Pasture and hay	Average	25-30 — Pasture	26c	18c	16c
		Average	25-30 — Pasture	26c	18c	16c
		Average	25-30 — Pasture	36c	28c	26c
		Average to dry	15-20 — Pasture	31c	23c	21c
		Average	30-35 — Pasture	54c	46c	. 44c
		Average	10-15 — Pasture		16c	14c
		Average	5-10 — Pasture     1 lb. to 200 sq. ft. lawn	\$1.00	93c	91c
	PRICES S	SUBJECT TO CHANGE WIT	THOUT NOTICE			

#### GRAINS, FORAGE CROPS, SOILING CROPS

Variety	Uses	Kind of Soil	Lbs. Per Acre	Postpaid PRICE 1-lb.	PER	POUND
Barley, Common	Grain	Average	100		08c	07c
		Average		Sold O	ut	
		Average		Sold O	ut	
		Average		35c	\$1.25	
		Average			07c	05c
		Average			14c	13c
		Average			07c	05c
Wheat, Winter	Grain	Average	75-120		07c	05c
Oats, White Seeded	Grain and hay	Average	100-150		07c	05c
	PRICES	SUBJECT TO CHANGE W	ITHOUT NOTICE			

#### Skagit Brand Lawn Grass

We believe that this is the finest mixed lawn grass that is on the market today. Only the best grasses, both as to purity and germination enter into it. A wonderful lawn grass for those who demand the

Price per lb. 85c; 5 lbs. for \$4.00; 10 lbs. for \$7.50, postpaid.

#### Premier Lawn Grass

This mixture contains nothing but the best of the fine leaves, non-bunching grasses, such as Creeping Bent, Fescues, etc., and has few superiors for the home lawn or golf course. Contains no white clover.

Price per lb. 75c; 5 lbs. for \$3.50; 10 lbs. for \$6.50, postpaid.

#### **Fancy Lawn Grass**

This mixture is the same fine lawn grass that we have sold for years and contains White Clover in addition to the regular grasses.

Price per lb. 60c; 5 lbs. for \$2.75; 10 lbs. for \$5.00, postpaid.

#### HOW TO MAKE THE LAWN

Dig the soil about 6 inches deep and take care that no subsoil is brought to the surface. If new soil must be hauled in take care that it is covered with top soil. If the soil is poor add about 2 pounds of Vigoro, Magnolia 3-10-10 or other good fertilizer.

Rake smooth, sow any of our lawn grass mixtures at the rate of 200 to 300 square feet of lawn to each 1 lb. of seed. Rake again lightly and roll.

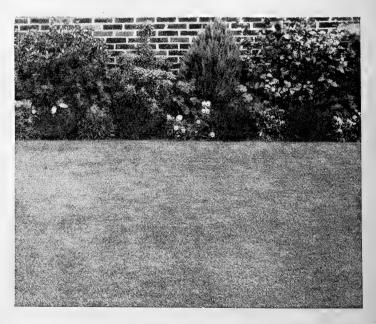


#### **Economy Lawn Grass**

A low priced lawn grass mixture that will give excellent results. It does not contain as many fine leaved grasses as the Premier or Skagit Brands, but it will stand abuse equally as well. ECONOMY lawn grass does not contain any Creeping Bent grass and for that reason does not require as much moisture or care.

Price per Ib. 45c; 5 lbs. for \$2.00; 10 lbs. for \$3.50, postpaid.





Best results are had by sowing in the Fall or early Spring. Late Spring or Summer sowings are more liable to be weedy unless well watered.

# GARDEN PESTICIDES

## FOR INSURANCE AGAINST PEST DAMAGE

#### **MULTI-PURPOSE SPRAY SET**

# GARDEN SPRAY SET AGE INSECTS AND THE SET OF THE SET O

# For Use Against More Prevalent GARDEN INSECTS

Set contains 4-ounce bottle of EXTRAX Insect Spray, GREENOL Liquid Fungicide and VOLCK Oil Spray. Mix all 3 sprays in the same water and in one application treat against many insects and diseases in the garden. Set makes 25 gallons combination spray at normal dilution \$1.85

#### **MULTI-PURPOSE BAIT**

# For Use Against PRINCIPAL FORAGING PESTS

Slugs, cutworms, snails, sowbugs, earwigs, grasshoppers, strawberry root weevil. Baiting against these pests is easy with the new BUG-GETA PEL-LETS Compressed BAIT. (A Metaldehyde-Arsenical Bait.) 5000 baits in a 2 pound carton.

12-oz	. Carton	25c	5-lb. (	Carton	\$1.00
2-lb.	Carton	50c	25-lb.	Bag	\$3.60



#### **MULTI-PURPOSE DUSTS**



BOTANO Garden
Dust. For general
garden use against
many insects and diseases. Dusting is preferred by many, particularly on vegetables. One of the saf-

est multi-purpose dusts that can be used. 10-oz. size is Dual Purpose package which also serves as a handy garden duster.

8-oz. Shaker <b>35c</b>	1-lb.	Pkg	\$ .50
4-lb. Pkg			\$1.10
10-oz. Duster (Contains	ROTER	NONE)	49с

#### **OIL SPRAYS**

**VOLCK Oil Spray.** Envelops, penetrates and smothers many sucking insects such as certain Scale Insects, White Fly, Mealybug, and Red Spider. Also a spray carrier for other sprays.

KLEENUP Winter Spray. An emulsive Oil Spray for use against certain Scale Insects during dormant season. Use with Bordeaux Mixture against Peach Leaf Curl and Peach Blight.

1-pint Bottle......39c 1-gallon Can ....\$1.00 5 Gallons.....\$4.95

#### WEED KILLER

#### **ANT POISON**



ANT-B-GON Ant Poison. The ANT-B-GON Dispensers are easy to refill. Ants feed from the "WICK"... Can't get inside. One or two sets of Dispensers are enough for the average home. For

#### **INSECTICIDES**

**EXTRAX Insect Spray.** Kills by contact. Used against many sucking and chewing insects such as Aphis, Beetles, Caterpillars, Thrips, on Vegetables and Ornamentals. Economical ... General dosage is one teaspoonful to gallon of water.

	3
1-oz. Bottle\$ .35	1 Pint\$2.75
4-oz. Bottle\$1.00	1/2 Gallon\$7.95

CALTOX Insecticide Dust. Contains Cryolite and Thiocyanates. Used against Diabrotica and certain other Beetles, Worms, Sowbugs.

8-oz. Shaker <b>35c</b>	20	ozs60c
4 lbs		\$1.10



**EARWORMICIDE.** To keep worms out of sweet corn, make one treatment when silk begins to wilt. 4 ozs. treats 120 ears.

2-oz. Bottle with

applicat	tor	35c
4-oz. Bott	le	35c
1 pint		75¢
½-gallon	Bottle	\$1.80

#### **FUNGICIDES**

GREENOL Liquid Fungicide. A copper fungicide used to prevent Powdery Mildew. Contains spreading and wetting agents and mixes with EXTRAX Insect Spray for making a combination treatment against insects and diseases.

1-oz. Bottle35c	1 pint\$1.50
4-oz. Bottle60c	½ gallon\$ <b>3.95</b>

#### ORTHO ROSE SPRAY KIT

Special Combination
Offer. Contains 2-oz.
bottle "EXTRAX" for
Aphis and other insects and 2-oz. bottle
"GREENOL" to prevent
certain Powdery Mildews. Makes 12 gallons spray. Used for
vegetables too.
Each Kit..........\$1.00



#### SOIL INSECTS

ORTHO Soil Furnigant. A new "ORTHO" development designed to control certain soil inhabiting insects which attack roots. Used primarily against garden Centipedes, Cabbage Maggots, Onion Maggots, Wireworms. Also for furnigating soil in seed beds.

4-oz. Bottle .......35c 1 pint.......\$1.00

#### **EARWIGS**

#### RODENT CONTROL

ORTHO Rat Bait Pellets. Ready-to-use Red Squill Baits which are relatively harmless to humans and domestic animals. Poisoned Rats seek underground burrows before dying.

6-oz. Carton......30c 1-lb. Carton.......60c 5-lb. Carton.......\$2.25

#### DOG REPELLENT

SCRAM Dog Repellent. A special powder used to keep dogs away from shrubs, flowers, lawns, store fronts, porches, etc. Easy to use. Does not harm animals.





#### PRUNING PAINT

CONTAX Pruning Paint. Protect cuts and tree wounds with this modern plastic pruning and grafting composition. Also has many other uses.

1 pint.......35c 1 gallon......\$1.50

# INSECT CONTROL GUIDE

SUMMER INSECTS
DIAMOND "L" BRAND



is recognized as a superior insecticide for control of aphis, tent caterpillars, saw flies, thrip, flea beetles, earwigs, ants, holly leaf miner and slugs. Alph-is-ite is penetrating and highly toxic. Being non-discoloring makes it extremely satisfactory for use on flowers in bloom. Increasingly used by rose growers. Safe for use in vegetable gardens.

8 oz. 50c; qt. \$1.50; gal. \$4.00\*

ROOT MAGGOTS

DIAMOND "L" BRAND



has proven a satisfactory control for root maggots as demonstrated by many years successful use in northwestern gardens.

Definite protection for carrots, cabbage, cauliflower, kale, radish, turnips, horseradish and other Victory Garden vegetables. Other uses (1) mole repellant, (2) control of thrips on Gladiola Korms.

11/	<sub>2</sub> -lb. pkg	25c	25-1b.	bag\$2.00*
5	-lb. pkg	60c	100-lb.	bag\$5.00*

Flea Beetles and Blight on Potatoes, Tomatoes and Cabbage

DIAMOND "L" BRAND

#### CHERRY CREEK FARM POTATO MIX

This dust is effective under a wide range of weather conditions.

Use ten pounds per acre during time of day when beetles are most active. Insects die in a few minutes.

1 lb. 12 oz. pkg. 60c; 25 lb. bag \$4.00.

#### WINTER SPRAY

# DIAMOND "L" BRAND DORMITE

DORMANT OIL EMULSION

A thorough application of this dormant oil spray will devitalize many insect eggs when applied as a general fall or winter clean-up application. Especially effective on many kinds of scale, particularly lecanium scale, oyster shell scale, San Jose scale.

Qt. 50c; gal. \$1.00; 5 gal. \$3.00\*

#### **BEETLES**

#### DIAMOND "L" BRAND DIAMOND DUST

FLEA BEETLE DUST

FLEA BEETLES, CUCUMBER BEETLES, ASPARAGUS BEETLES

This powder is effective, especially during dry weather. Successfully used many years by practical vegeta ble growers.

Prices:

1 lb. 35c; 10 lb. \$2.00\*; 25 lb. \$4.00\*

#### ANTS-EARWIGS

# DIAMOND "L" BRAND NOXITE

#### ANT AND EARWIG POWDER

Noxite has proved a simple and effective method of combating earwigs and ants. Used on the Pacific Coast since 1920. The dollar package is usually sufficient for the average

7 oz. pkg. 40c; 2 lb. pkg. \$1.00

#### **PEACH TREES**

# PEACH LEAF CURL SPRAY

For control of peach leaf curl fungi when applied both late fall and late winter. An oil emulsion and copper compound.

8 oz. 60c; qt. \$1.50; gal. \$4.00\*

# INDOOR INSECTS DIAMOND "L" BRAND ROACH and SILVERFISH POWDER

Sold with money back guarantee of satisfactory results against cockroaches, silverfish moth, fleas when in dry places.

5 oz. pkg. 50c; 2 lb. pkg. \$2.00

1 Pound Packed in a **PEST GO GUN** for convenient application, \$1.50.

#### TREE CUTS

# DISINFECTING TREE PAINT

FOR PAINTING CUTS

Here is a penetrating control of bacteria action on cuts or exposed raw wood. Eliminates decay in wood on injured parts.

8 oz. 40c; qt. \$1.00; gal. \$3.00\*

#### **CUT WORMS**

# DIAMOND "L" BRAND CUT WORM BAIT

Minimum burn hazard for foliage, and freedom from discoloration. A recommended product.

1 lb. 25c; 10 lb. \$1.00\*; 25 lb. \$3.00\*

### DIAMOND "L" BRAND



INSECTICIDES

# SPRAYS and DUSTS—INSECTICIDES

#### **BLACK LEAF 40**

A concentrated nicotine solution for aphis, thrip and red spider or any other sucking insect. Also much used as a poultry house spray.

Prices: 1 oz. 36c; 5 oz. \$1.05; 1 lb. \$2.47; 2 lbs. \$3.57; 5 lbs. \$6.70.





It is no longer necessary It is no longer necessary to suffer from the bites of mosquitoes, gnats, and other flying insects. Our own experience with this repellant has been very satisfactory. It is pleasant to use and will not harm the most delicate skin. Be able to enjoy pienics, camping, fishing and other outdoor sports as never before.

Prices, postpaid: 1 oz. 35c; 2 oz. 50c.

#### Seed Treatment With SEMESAN

IMPROVES STANDS REDUCES DAMPING-OFF INCREASES YIELDS

Vegetable losses caused by damping-off (rotting of the seedling stem near the soil level) can be prevented or greatly reduced by treating seed with SEMESAN in either dust or liquid form, and by occasionally spraying liquid SEMESAN on the seed beds.

SEMESAN generally increases germination; usually improves and increases vegetable yields. Costs little to use.

Price, 1/3 oz. 10c; 2 oz. 40c; 1 lb. \$2.50; 5 lbs. \$11.40.

Ask for free Vegetable Pamphlet.

# "SEMESAN BEL"

**Potatoes** 

Reduces seed piece decay—check losses from Rhizoctonia and scab—and you will cut potato costs and scab—and you will cut potato costs and get more profit. Convincing tests and use on many farms shows that quick dip seed treatment with improved "SEMESAN BEL" is the best way to these results!

No soaking. No time wasted. And very low cost—one pound treats 60 to 80 bushels. Yields increased an average of 13.6% And very in tests.

Price: 2 oz. 30c; 1 lb. \$1.65; 5 lbs. \$7.15. Ask for free Potato l'amphlet.

#### "CERESAN" Wheat, Oats, Barley

New Improved "CERESAN" is unusually effective for controlling but or stinking smut of wheat, loose and covered smut of oats, covered smut and stripe of barley, and seedling blight caused by seed-borne scab. It costs but 1% to 21/3 cents a bushel of seed. Is easily and quickly ap-

Price: 4 oz. 30c; 1 lb. 80c; 4 lbs. \$2.70.



### DOGZOFF"

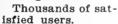
If you are bothered with dogs, cats or rabbits, "Dogzoff" is the spray you need. It is a most efficient animal repellant and one spraying will last from three to four weeks. Not poisonous to plants and will not injure animals. Not offensive to humans. Its use is guaranteed to keep these animals from any place where they are not wanted. "Dogzoff" is applied with any small insect sprayer and one application usually does the work. "Dogzoff" will save its cost many times over around the garden and home.

Price, 60c, prepaid. \*\*\*\*\*\*\*\*

#### OLD TRAPPER MOLE BAIT

OLD

A prepared bait composed of ingredients attractive to moles with an effective poison that causes instant death to these pests. Sold with a money back guarantee.



Price per can, 2 oz., (50 baitings), 50c. Lb. can (400 baitings), \$3.00.

#### Nomole

Nomole wipes out moles within a few days through the use of chemically treated mole food. By opening up the ridges and placing a little of the food in the runs these troublesome pests are quickly killed. Fully guaranteed.

Regular pkg. \$1.25; large size pkg. \$2.25.

#### **USE OF NAPTHALENE** in badly infested areas

Tons of Napthalene are now being used in Skagit County for the protection of cabbage plant beds as well as carrots, cauliflower, turnips and radishes. We recommend application to the soil before planting of a mixture of Napthalene, Gypsum, and Sulphur (10-10-1 proportions) at the rate of 1 pound of mixture to each 125 square feet of plant bed, or 350 pounds per acre. A top dressing of Napthalene applied several times during the growing season also helps. season also helps.

Carrots need a top dressing each 7 to 10 days from May 10th until they are big enough to use. Commercial plantings here are treated from May 10th to June 31st for early plantings; late plantings from about July 15th to September 1st.

A powerful non-poisonous soil disinfectant used for the control of wire worms, cut worms, and many other garden pests. Also as an aid in protecting plant beds from roots maggots that attack cabbage, cauliflower and similar plants.

Prices, postpaid: 5 lbs. 65c; 10 lbs. \$1.20; 25 lbs. \$2.50.

#### Soil Conditioners

#### AGRICULTURAL SULPHUR

This is 100% pure sulphur but not ground so fine as dusting sulphur, and is used for applying directly in the soil at planting time, sometimes directly in the rows with the seed, both as a soil conditioner and as a fungicide for protection against certain seed and plant diseases.

Prices: 1 lb. 20c; 5 lbs. 50c; 10 lbs. 85c; 50 lbs. \$3.75.

#### AGRICULTURAL HYDRATED LIME

A good grade of Hydrated Lime for use as a soil conditioner for acid soils. It may as a son conditioner for acid sons. It may also be used for many other purposes around the farm, such as in poultry houses, whitewashing, as well as for dust-ing for insects when mixed with such things as Arsenate of Lead or Calcium.

Price, postpaid (1st and 2nd zones): 10 lbs. 50c; 50 lbs. \$1.30.

By freight collect; \$1.50 for 100 lbs.; \$25.00 per ton. F.O.B. our shipping point.

#### BUMPER CROP GYPSUM

A powerful form of Agricultural Gypsum for dusting as well as many other uses around the farm or poultry house. In-creases crops on acid soil and makes plant food available.

Prices, postpaid in 1st and 2nd zones: 5 lbs. or over at 5c per lb; 25 lbs. or over at 4c per lb.; 50 lbs. or over at 3c per lb.

#### Old Trapper "Mouse Nox"

A new mouse bait that mice really love and that will actually rid the premises of these troublesome pests. Economical and effective if properly used.

Price: Bottle (about 11/2 oz.), 25c.

#### **Old Trapper Rat Krunches**

A new Red Squill rat and mice poison bait that really kills. Put up in packages of about 100 batts each of a kind and size attractive to rats. Harmless to pets and humans. Our trials have proved them very efficient and

Price per packet (100 baits), postpaid, 25c.





#### Old Trapper Poisoned Grain

For those who prefer a grain, we have this prepared poisoned bait, more efficient than traps or other methods of killing. It is unattractive to cats, dogs and other pets, but sure death to rats, mice, ground squirrels and prairie dogs. Old Trapper is made with approximately one-third greater killing power than the average baits on the market. Price per pkt. 35c.

## **Again You Can Have** Rich, Pre-War Formula

We are now supplying Fulton's Plantabbs in the rich, white. completely dissolving TABLETS, the same formula as before they went to war. Plantabbs provide a high analysis of Nitrogen. Phosphoric Acid, and Potash PLUS all the Vitamin B1 needed by deficient plants, with many secondary ingredients thereby making a complete, balanced FOOD in quickly available form which improves every type of flower and vegetable fed upon it.

#### GROW BEAUTIFUL PLANTS AND FLOWERS

HOUSE PLANTS flourish with strong, green, bushy foliage, the blooming kind covered with perfect blossoms. Ferns, Geraniums, Ivy, Cacti, African Violets, etc., thrive the year round.

GARDEN .FLOWERS like Roses, Delphinium, Dahlias, Mums, etc., will make your garden a true joy.

VEGETABLES, Begin feeding when plants are well up out of the ground. Repeat regularly to maturity and raise a crop of tomatoes, beans, peas, etc., like you never dreamed of.

> tablet into the near the stem or, if liquid form is preferred, simply drop 4 tablets in a gallon of water. Quick, easy, economi-cal and so safe will not burn tenderest plants.

> > For prize results, we recommend Fulton's Plantabbs in boxes οf

10 Tablets .. \$ .10

200 Tablets.. 1.00 1000 Tablets. 3.50



#### 1945 NITRAGIN INOCULATION PRICES

When Ordering, ALWAYS State Name of Seed

#### ALFALFA Sweet, Bur, Hubam Clovers Size Retail 1 bu. ea. ....\$ .50 2½ bu. ea. ....1.00

Medium & Mammoth Red, Alsike, Crimson & White Clovers

1 bu. ea. .....\$ .50 2½ bu. ea. .... 1.00

PEAS (All Varieties) **VETCHES** (All Varieties)

100 lb. size (Inoculates up to 100 lbs.) ea....\$ .50 1200 lb. size ea.... 5.70 . 5.70 (12-100 lb. size cans)

BEANS-Navy, Pinto, Wax, String, Kidney, Gr. Northern bu. ea. ......\$ .35

LESPEDEZA Hulled or Unhulled 100 lb. size (Inoculates up to 100 lbs. seed)....\$ .50

#### PEANUTS, LIMA BEANS, **COW PEAS**

Size Small (Inoculates up to 120 lbs. seed) .....\$ .30 5 bu. (one can) ea. 2.50
30 bu. (one ctn.) ea. 3.25
(Contains 6-5 bu. cans)

SOYBEANS (All Varieties)

Small (Inoculates up to 120 lbs. seed) .... \$ .30 5 bu. ea... ... .55 25 bu. (one can) ea. 2.50 30 bu. (one ctn.) ea. 3.25 (Contains 6-5 bu. cans)

**LUPINES** (All Varieties)

100 lb. size (Inoculates up to 100 lbs. seed) ea. \$ .50

**GARDEN SIZE** Garden Peas and Beans Sweet Peas, Lupines and Edible Soybeans
Enough for 8 lbs. seed
Retail Price 10c each.

#### NITRAGIN - Oldest and Most Widely Used Inoculator in America

#### WHICH DO YOU WANT?



OR THIS



The hormones and vitamins (B, and others) found together only in



THE HORMONE-VITAMIN POWDER

Stop the shock and wilt usually inevitable after transplanting all kinds of plants. . . . Simple, Safe, Economical to use. 1/2 oz. packet 25c, 1 oz. can 50c, 3 oz. can \$1.00, 1 lb. can \$4.00.

#### YOU CAN INCREASE THE NUMBER AND QUALITY OF BERRIES ON ORNAMENTAL SHRUBS . . . by spraying with



This plant hormone spray will help to develop big berries on holly, snow berry, euonymus, pyracantha and other berry bearing shrubs—even when they are bi-sexual and no male plants are near. Simple and easy to use. Stops drop of leaves and fruit.

> 2/5 oz. pkt. (5 gallons of spray) 25c. 2 ozs. (25 gallons of spray) \$1.00.

ROOTONE, the plant hormone powder. Dip cuttings in Rootone before planting to give

Geranium Cuttings. Treated and Untreated

faster, better, more successful rooting. Mix flower, vegetable or grass seed with Rootone before planting to give faster growth and stronger roots. Easy to use. 1/4 oz. packet 25c. 2 oz. jar \$1.00. 1 lb. can \$5.00.

#### Keepway Tarred Plant Protector



For the control of cabbage maggot the use of these protectors will give 90% to 100%protection against the root maggot on cabbage, cauliflower and other members of the cabbage family. Place one protector about the stem of the plant on top of the ground when transplanting. The tar odor repells the maggot fly, thus no eggs are deposited.

The pad retains its efficiency until plant maturity. It also acts as a mulch in retaining moisture in the soil around the roots of the plant.

The size of these protectors is 3 inches by 3 inches, put up in packages as follows: 24, 10c; 72, 25c; 144, 45c; 500, \$1.50; 1000, \$2.50. Postpaid to 4th zone only.

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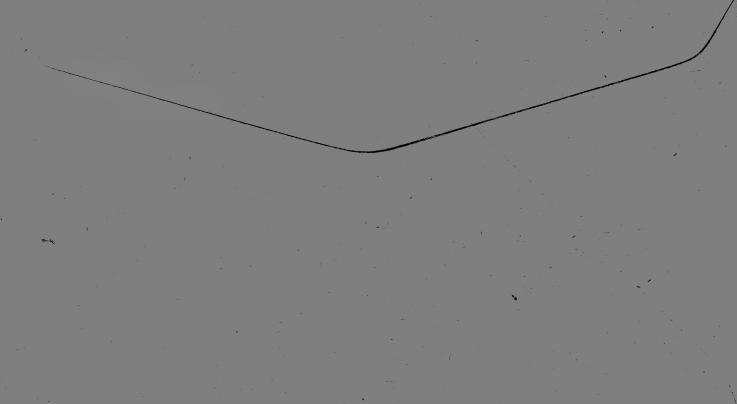
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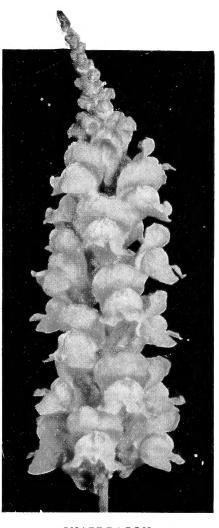
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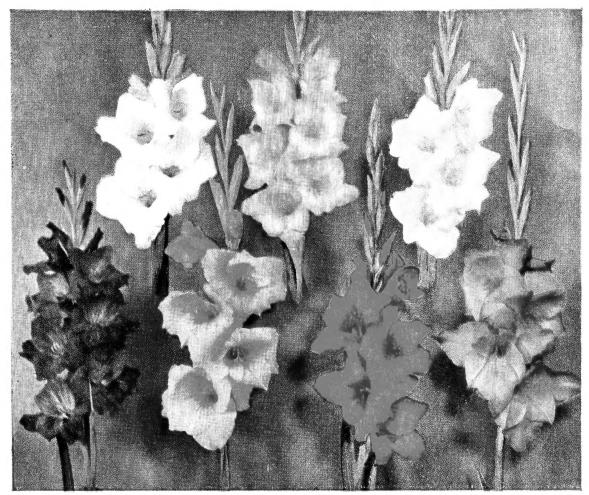
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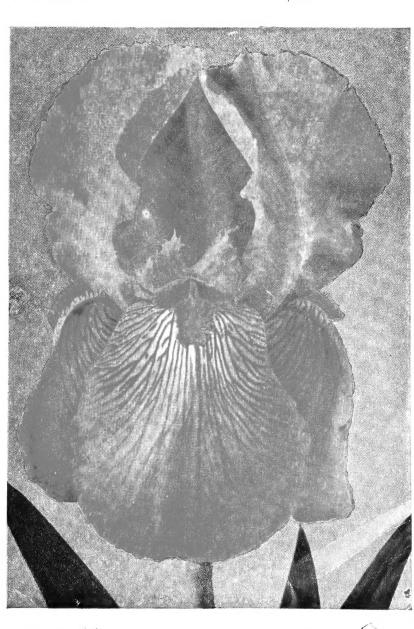


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